

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088280.D
 Acq On : 13 Nov 2025 14:52
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN111325

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:53:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.794	128	59836	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	314478	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	281376	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	164242	30.050	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.829	95	141628	29.776	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.267%			
63) Toluene-d8	10.541	98	398285	29.898	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	77036	18.315	ug/l	98
3) Chloromethane	2.383	50	86177	19.872	ug/l	98
4) Vinyl Chloride	2.536	62	84527	18.433	ug/l	98
5) Bromomethane	2.977	94	48863	19.985	ug/l	97
6) Chloroethane	3.136	64	50576	17.844	ug/l	94
7) Trichlorofluoromethane	3.512	101	110113	17.128	ug/l	100
8) Diethyl Ether	3.965	74	46163	19.212	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57310	16.992	ug/l	79
10) 1,1-Dichloroethene	4.336	96	59274	18.015	ug/l	94
11) Methyl Iodide	4.577	142	58877	16.814	ug/l	90
12) Methyl Acetate	5.018	43	105672	19.907	ug/l	92
13) Acrolein	4.177	56	76696	98.203	ug/l	99
14) Acrylonitrile	5.706	53	236180	97.918	ug/l	98
15) Acetone	4.424	58	63872	90.552	ug/l	96
16) Carbon Disulfide	4.706	76	208629	18.801	ug/l	99
17) Allyl chloride	5.006	41	118554	18.542	ug/l	96
18) Methylene Chloride	5.271	84	79620m	19.468	ug/l	
19) trans-1,2-Dichloroethene	5.771	96	71896	18.765	ug/l	89
20) Diisopropyl ether	6.659	45	256681	18.786	ug/l	96
21) 1,1-Dichloroethane	6.553	63	143051	18.584	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	84864	19.057	ug/l	97
23) tert-Butyl Alcohol	5.524	59	86459	97.482	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	257315	19.396	ug/l	100
25) Chloroform	7.953	83	142847	18.728	ug/l	98
26) Cyclohexane	8.235	56	106714	16.413	ug/l #	98
29) 1,1-Dichloropropene	8.347	75	96367	18.365	ug/l	99
30) 2-Butanone	7.471	43	327303	96.429	ug/l	98
31) 2,2-Dichloropropane	7.471	77	112256	17.345	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	119999	18.551	ug/l	98
33) Carbon Tetrachloride	8.341	117	97677	17.683	ug/l	98
34) Benzene	8.582	78	299669	19.106	ug/l #	93
35) Methacrylonitrile	7.759	41	69495	19.629	ug/l	94
36) 1,2-Dichloroethane	8.653	62	120013	19.661	ug/l	98
37) Trichloroethene	9.329	130	64617	18.180	ug/l	98
38) Methylcyclohexane	9.582	83	99896	16.606	ug/l	99
39) 1,2-Dichloropropane	9.600	63	78870	19.491	ug/l	90
40) Dibromomethane	9.688	93	56759	19.523	ug/l	99
41) Bromodichloromethane	9.865	83	116210	19.856	ug/l	99
42) Vinyl Acetate	6.588	43	1092816	96.465	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	134361	19.674	ug/l	96
44) Isopropyl Acetate	8.671	43	208844	19.843	ug/l	99
45) 1,4-Dioxane	9.676	88	29023	457.924	ug/l	94
46) Methyl methacrylate	9.659	41	90781	18.433	ug/l	96
47) n-amyl Acetate	12.688	43	103680m	19.440	ug/l	
48) t-1,3-Dichloropropene	10.812	75	116148	18.554	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	122990	18.883	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	71176	19.799	ug/l	94
51) Ethyl methacrylate	10.853	69	111049	18.775	ug/l	98
52) 1,3-Dichloropropane	11.141	76	127801	19.520	ug/l	99
53) Dibromochloromethane	11.341	129	80293	19.444	ug/l	98
54) 1,2-Dibromoethane	11.447	107	72030	19.284	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	344568	101.131	ug/l	99
56) Bromoform	12.559	173	48800	18.671	ug/l	99
58) 4-Methyl-2-Pentanone	10.423	43	643377	101.096	ug/l	99
59) 2-Hexanone	11.176	43	393465	93.108	ug/l	100
61) Tetrachloroethene	11.082	164	54040	18.628	ug/l	94
62) Toluene	10.612	91	313035	19.386	ug/l	98
64) Chlorobenzene	11.870	112	191339	19.133	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	66791	19.513	ug/l	96
66) Ethyl Benzene	11.941	91	332207	18.667	ug/l	98
67) m/p-Xylenes	12.053	106	248347	37.317	ug/l	99
68) o-Xylene	12.376	106	119521	19.038	ug/l	98
69) Styrene	12.394	104	195500	18.335	ug/l	99
70) Isopropylbenzene	12.676	105	294499	17.700	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	101792	18.887	ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	109453m	20.963	ug/l	
73) Bromobenzene	12.959	156	72384	19.271	ug/l	96
74) n-propylbenzene	13.012	91	372792	18.105	ug/l	100
75) 2-Chlorotoluene	13.106	91	227167	18.144	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	251921	18.038	ug/l	98
77) t-1,4-Dichloro-2-butene	12.723	75	31173	17.386	ug/l	89
78) 4-Chlorotoluene	13.200	91	235228	18.540	ug/l	98
79) tert-butylbenzene	13.417	119	212022	17.732	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	252748	18.199	ug/l	98
81) sec-Butylbenzene	13.594	105	303762	17.417	ug/l	99
82) p-Isopropyltoluene	13.706	119	250478	17.381	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	133127	18.242	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	138360	18.721	ug/l	99
85) n-Butylbenzene	14.035	91	237919	17.323	ug/l	98
86) Hexachloroethane	14.311	117	48251	17.487	ug/l	97
87) 1,2-Dichlorobenzene	14.088	146	132768	19.274	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	24904	19.659	ug/l	95
89) 1,2,4-Trichlorobenzene	15.817	180	71398	18.470	ug/l	97
90) Hexachlorobutadiene	15.476	225	26997	17.984	ug/l	94
91) Naphthalene	15.617	128	257726	18.427	ug/l	99
92) 1,2,3-Trichlorobenzene	15.817	180	71398	18.470	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

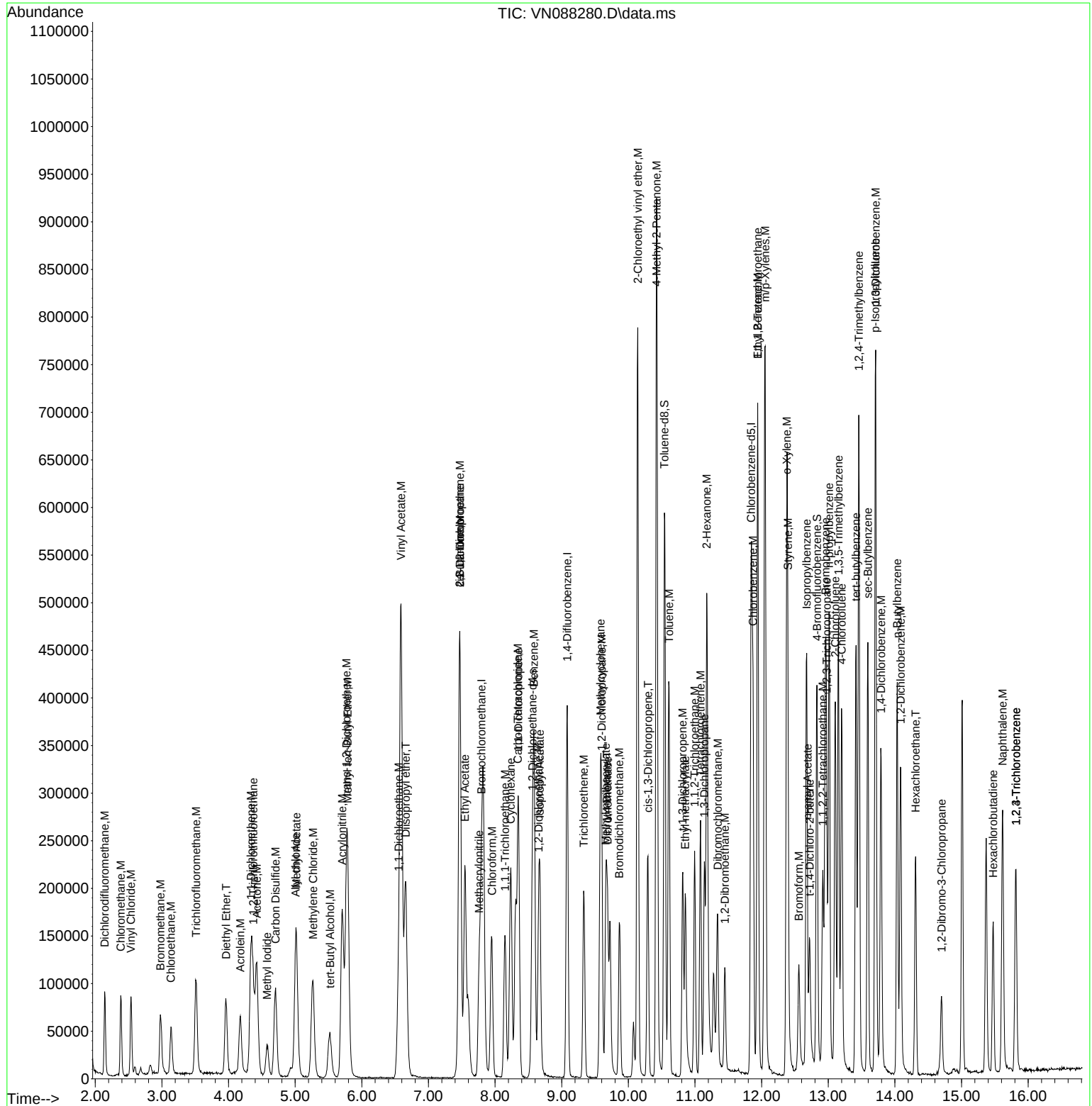
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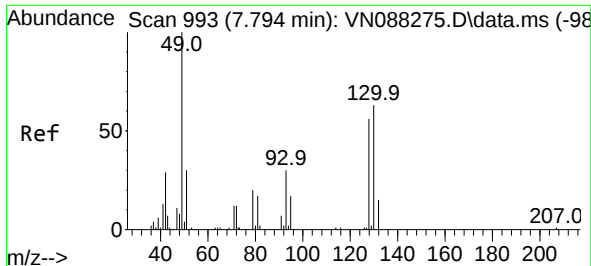
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

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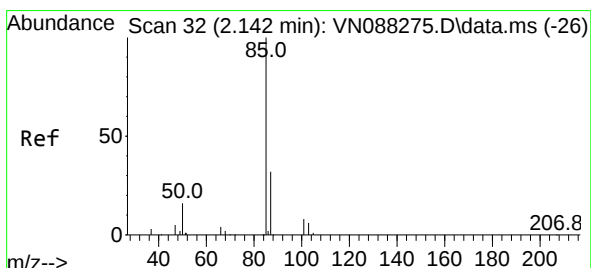
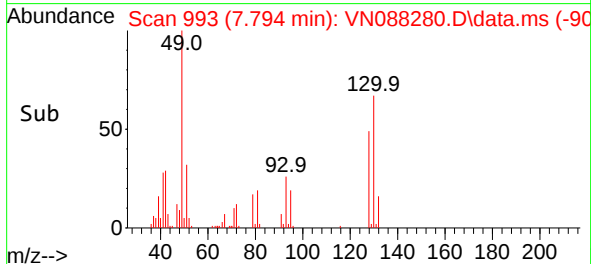
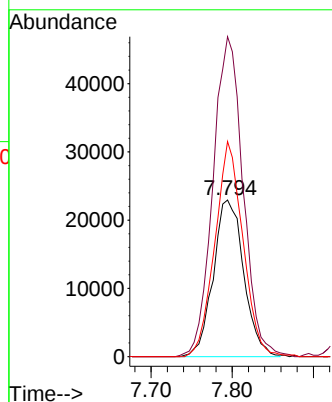
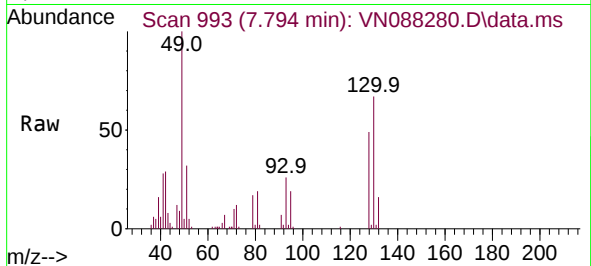
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Tgt Ion:128 Resp: 59836
Ion Ratio Lower Upper
128 100
49 201.6 0.0 501.2
130 126.3 0.0 320.2

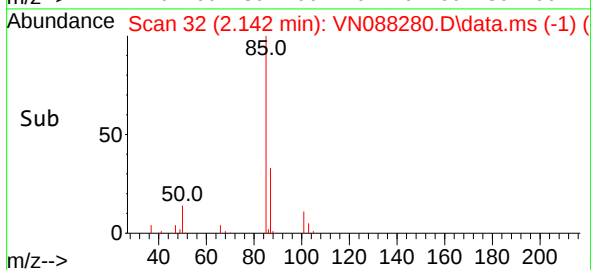
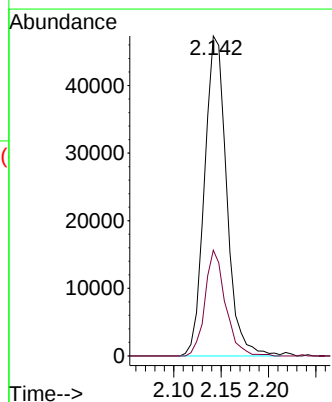
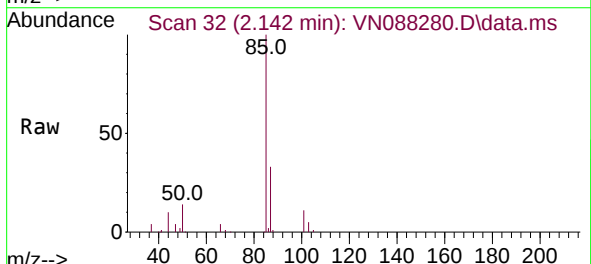
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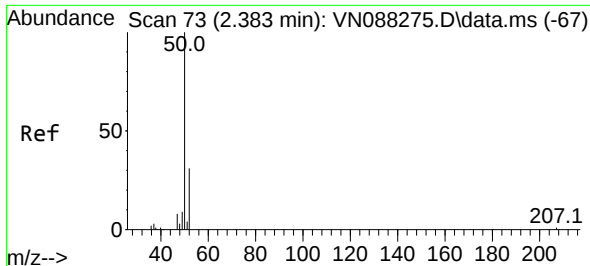
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 18.315 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

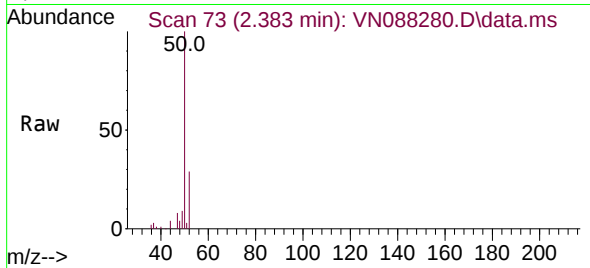
Tgt Ion: 85 Resp: 77036
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0





#3
Chloromethane
Concen: 19.872 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

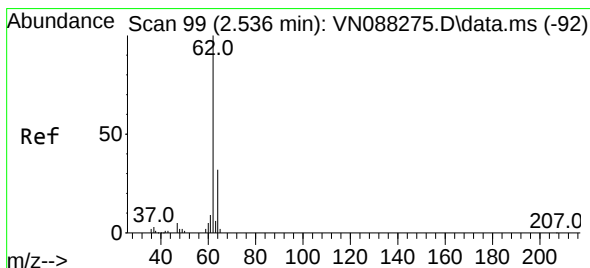
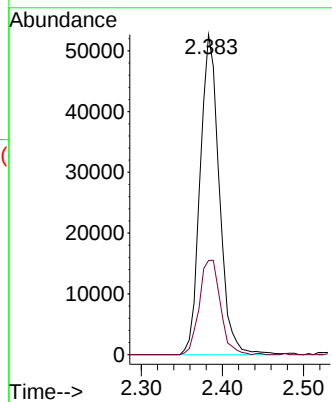
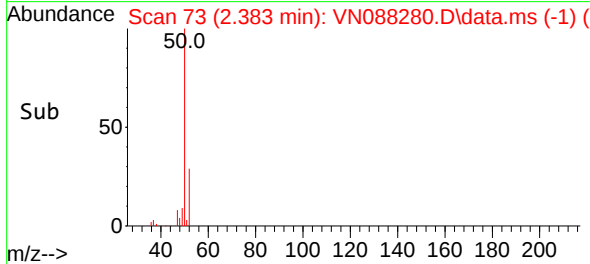
Instrument :
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ClientSampleId :
ICVNV111325



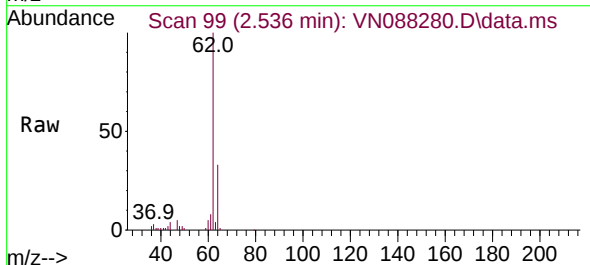
Tgt Ion: 50 Resp: 86172
Ion Ratio Lower Upper
50 100
52 29.5 24.6 36.8

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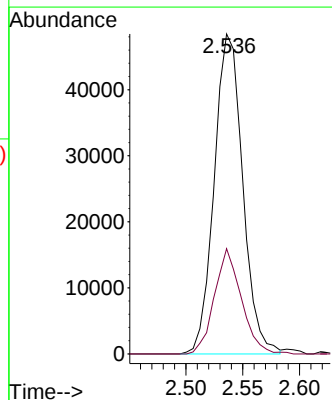
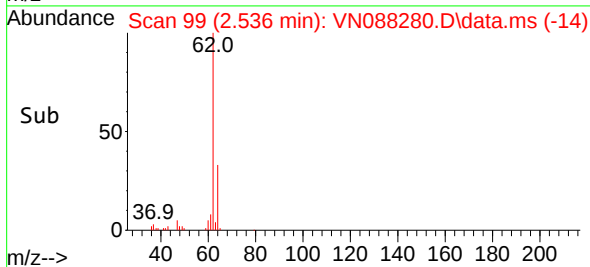
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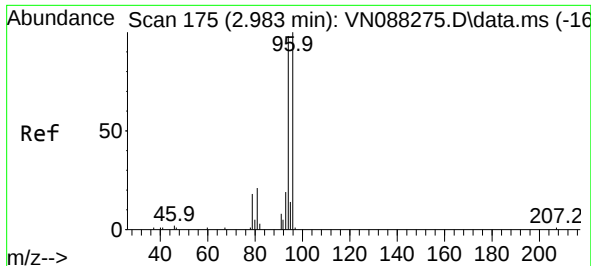


#4
Vinyl Chloride
Concen: 18.433 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088280.D
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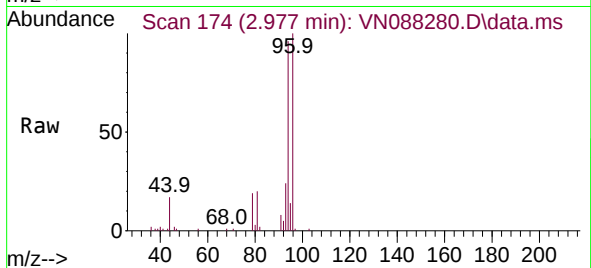
Tgt Ion: 62 Resp: 84527
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.2





#5
Bromomethane
Concen: 19.985 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

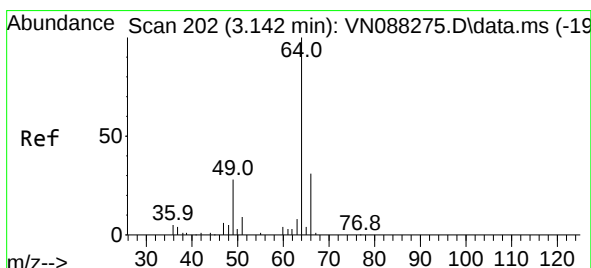
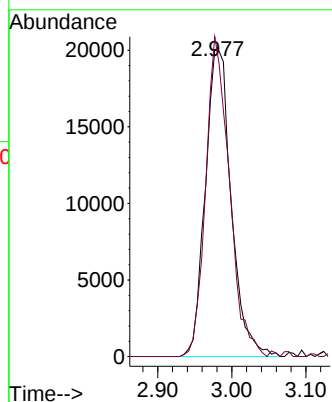
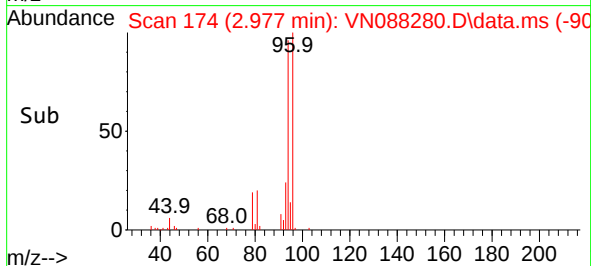
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN11325



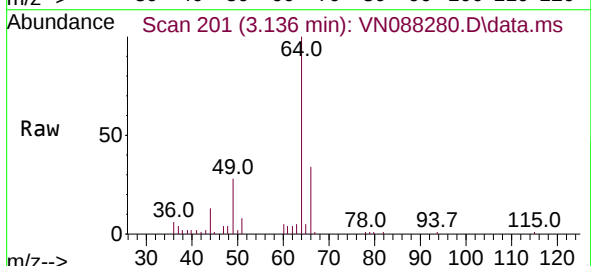
Tgt Ion: 94 Resp: 48863
Ion Ratio Lower Upper
94 100
96 104.4 81.3 121.9

Manual Integrations
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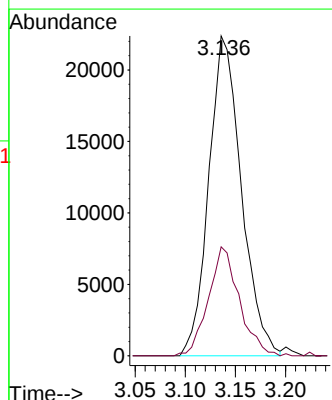
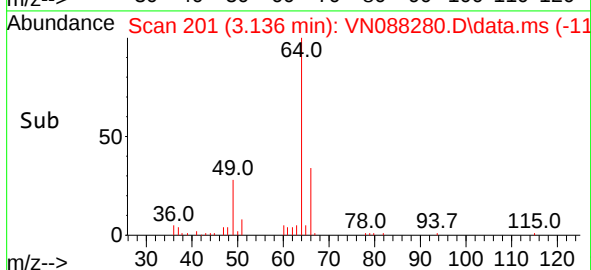
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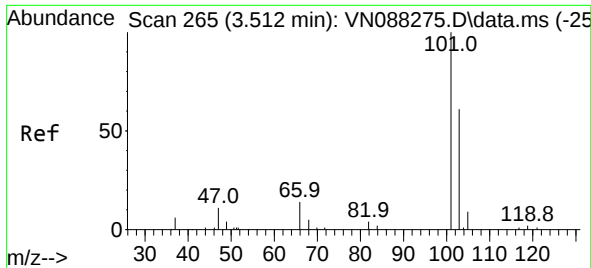


#6
Chloroethane
Concen: 17.844 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



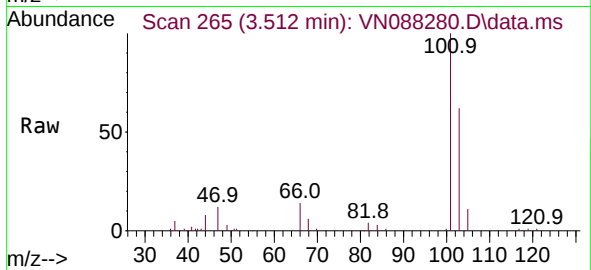
Tgt Ion: 64 Resp: 50576
Ion Ratio Lower Upper
64 100
66 34.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 17.128 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088280.D
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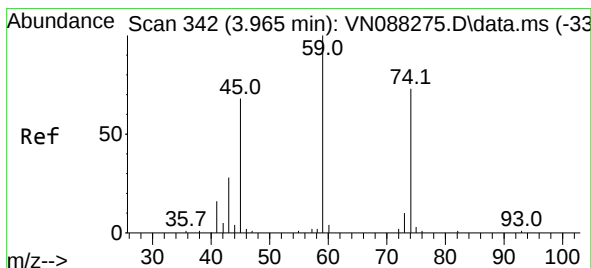
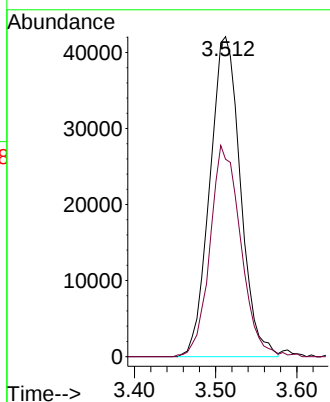
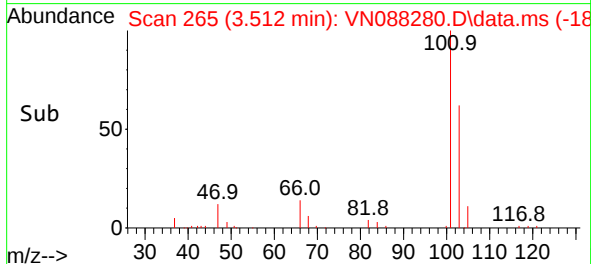
Instrument :
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ClientSampleId :
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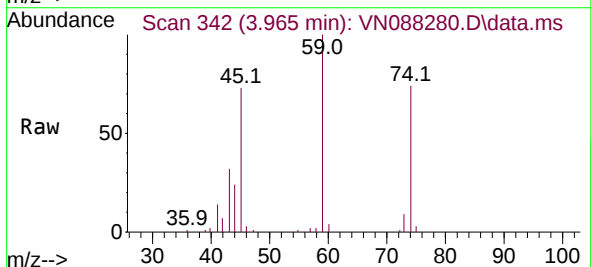
Tgt Ion:101 Resp: 110113
Ion Ratio Lower Upper
101 100
103 61.1 48.6 73.0

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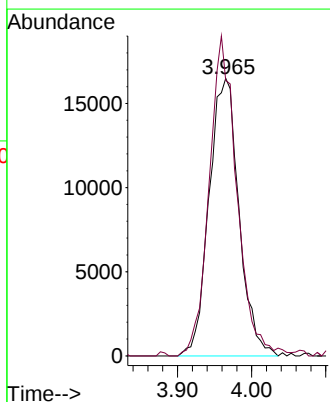
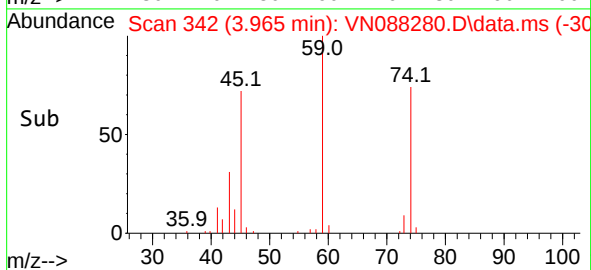
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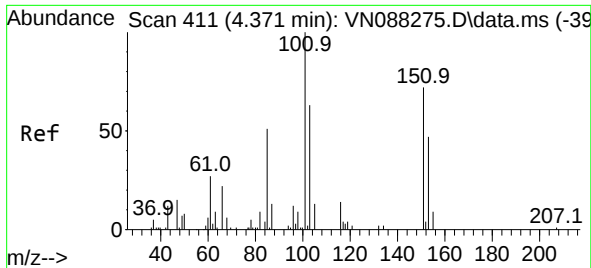


#8
Diethyl Ether
Concen: 19.212 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 46163
Ion Ratio Lower Upper
74 100
45 106.0 20.9 187.7





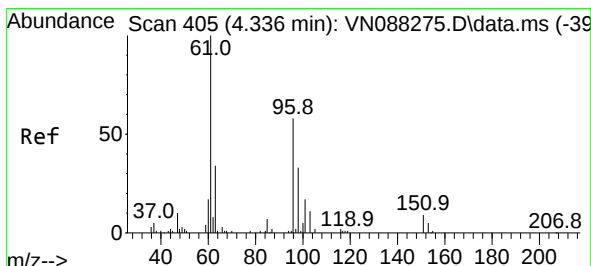
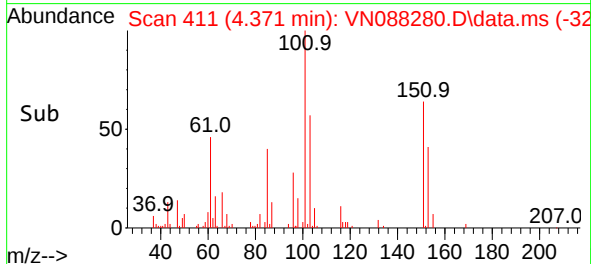
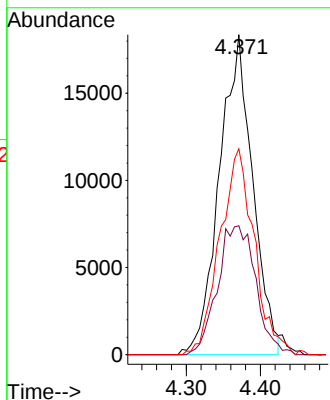
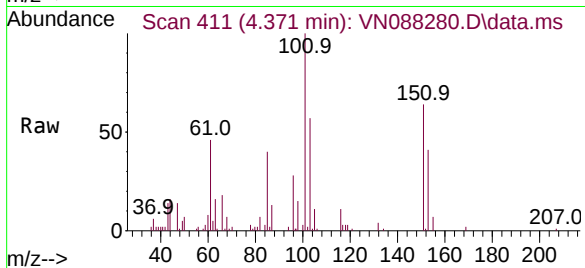
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.992 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325

Tgt Ion:101 Resp: 57310
Ion Ratio Lower Upper
101 100
85 18.4 0.0 100.8
151 66.5 0.0 138.4

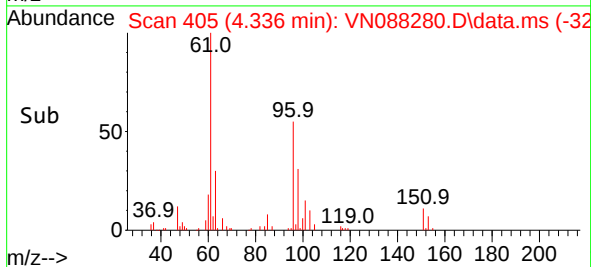
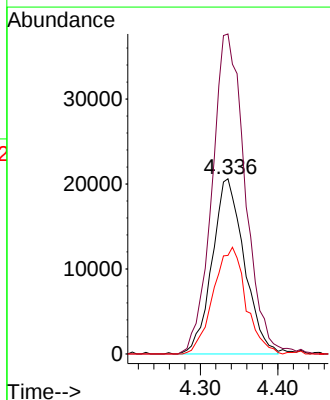
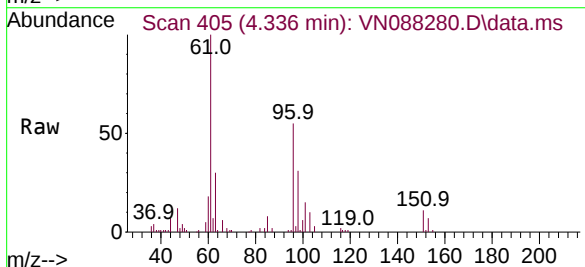
Manual Integrations
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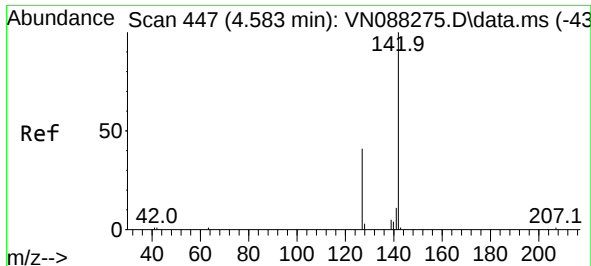
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#10
1,1-Dichloroethene
Concen: 18.015 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

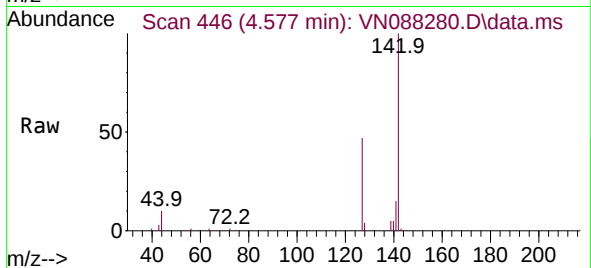
Tgt Ion: 96 Resp: 59274
Ion Ratio Lower Upper
96 100
61 182.8 137.8 206.8
98 56.2 45.6 68.4





#11
Methyl Iodide
Concen: 16.814 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

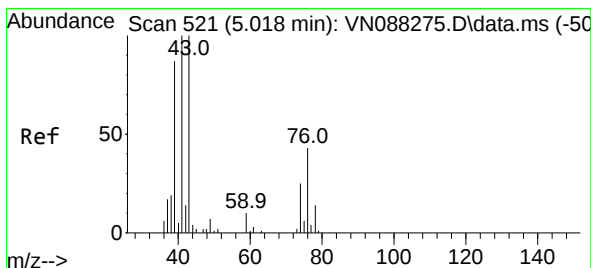
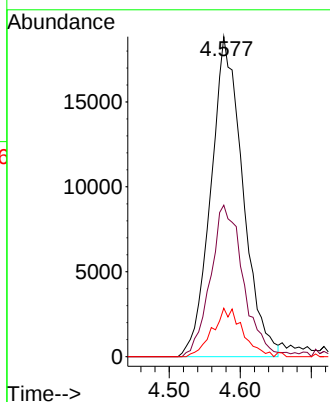
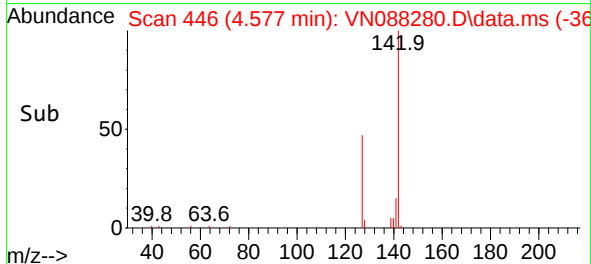
Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325



Tgt Ion:142 Resp: 58872
Ion Ratio Lower Upper
142 100
127 47.5 20.4 61.2
141 14.7 5.6 16.8

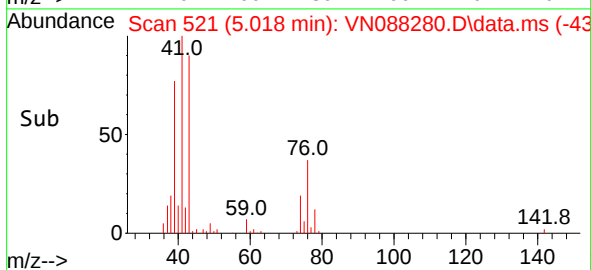
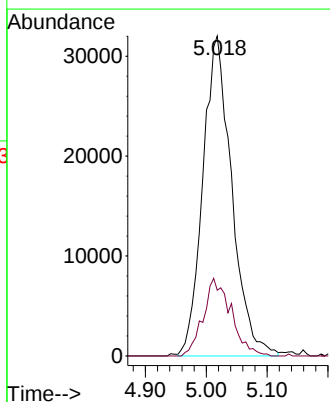
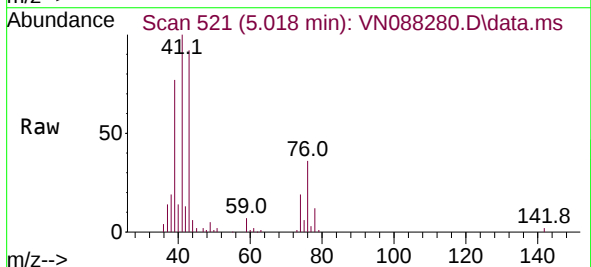
Manual Integrations
APPROVED

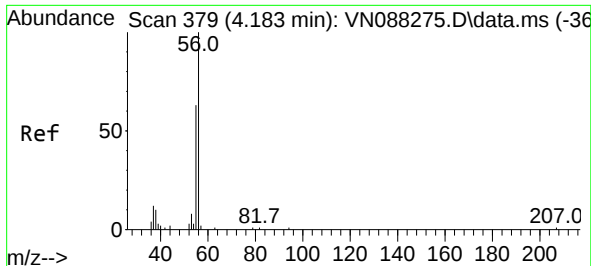
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#12
Methyl Acetate
Concen: 19.907 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

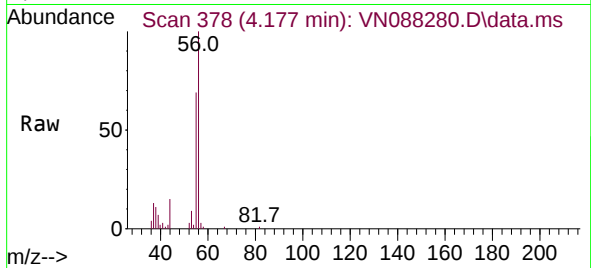
Tgt Ion: 43 Resp: 105672
Ion Ratio Lower Upper
43 100
74 20.7 19.8 29.8





#13
Acrolein
Concen: 98.203 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

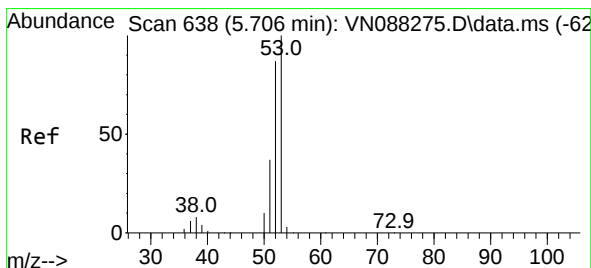
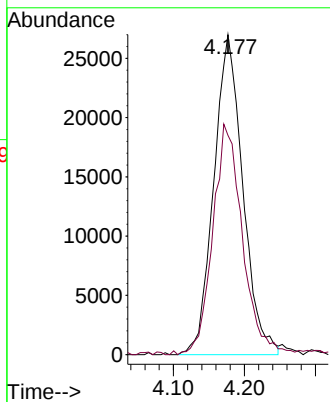
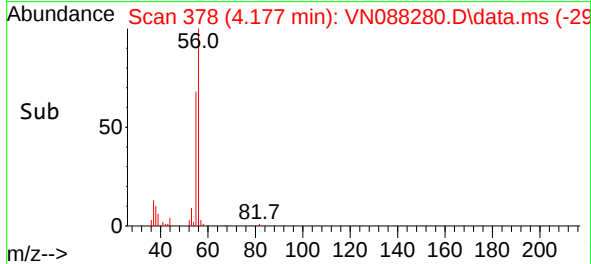
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



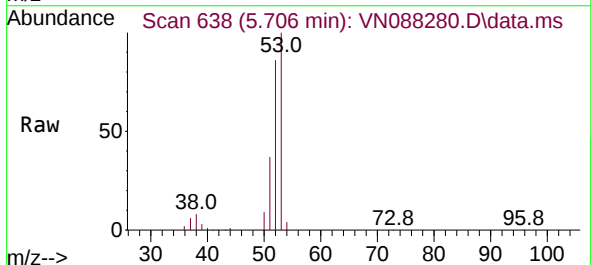
Tgt Ion: 56 Resp: 76696
Ion Ratio Lower Upper
56 100
55 73.5 57.9 86.9

Manual Integrations
APPROVED

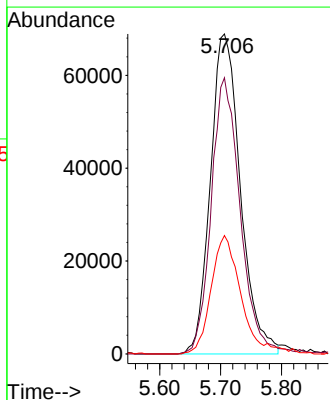
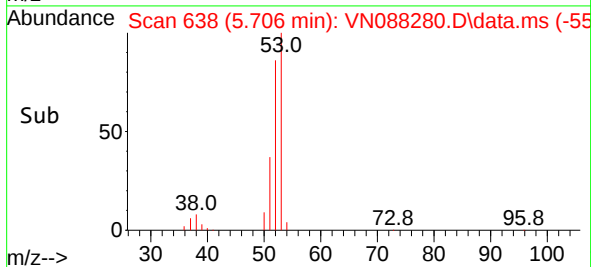
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

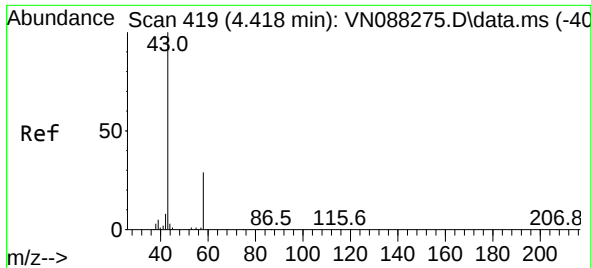


#14
Acrylonitrile
Concen: 97.918 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion: 53 Resp: 236180
Ion Ratio Lower Upper
53 100
52 83.1 42.3 126.9
51 35.2 18.4 55.2





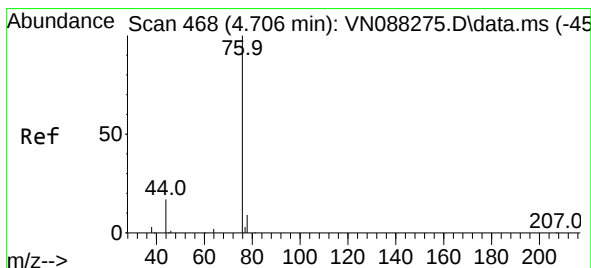
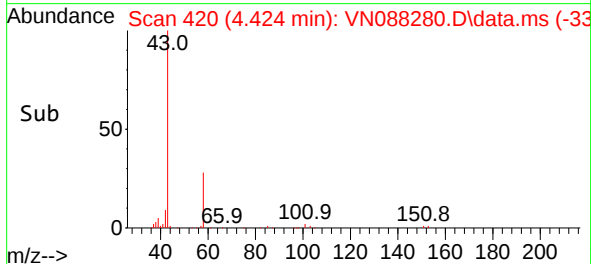
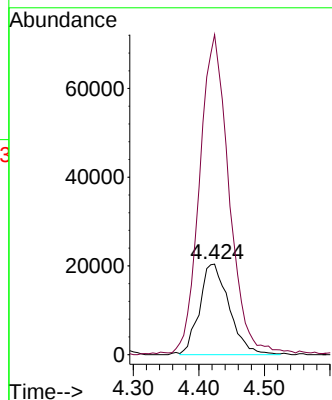
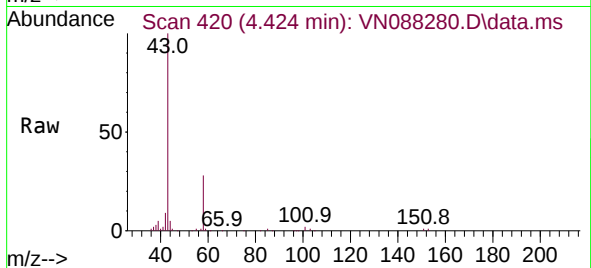
#15
Acetone
Concen: 90.552 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325

Tgt Ion: 58 Resp: 63872
Ion Ratio Lower Upper
58 100
43 351.0 273.9 410.9

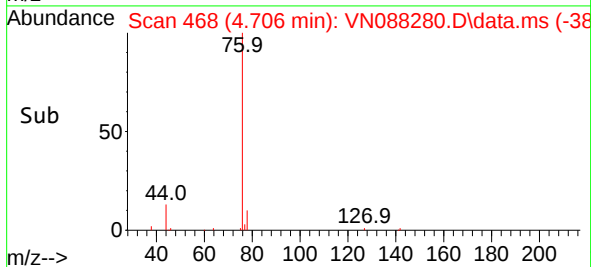
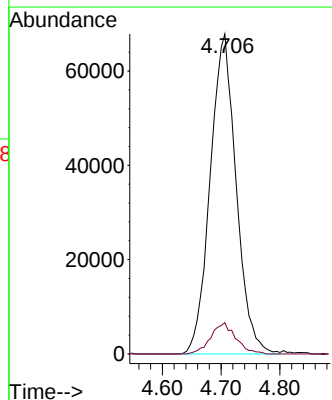
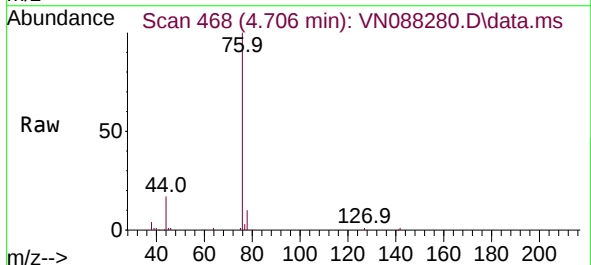
Manual Integrations
APPROVED

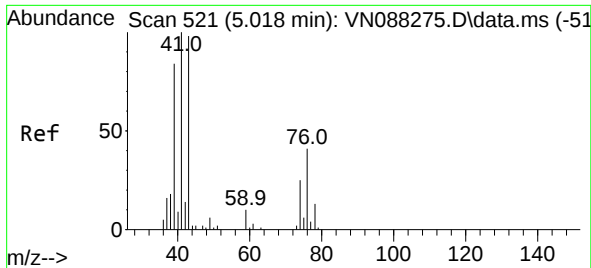
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#16
Carbon Disulfide
Concen: 18.801 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

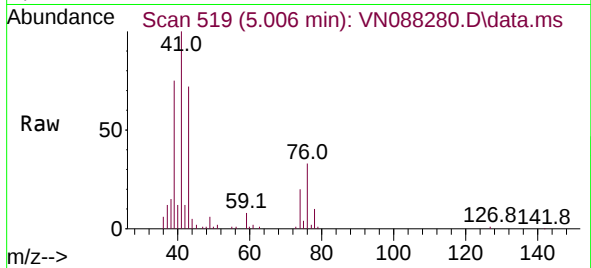
Tgt Ion: 76 Resp: 208629
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3





#17
 Allyl chloride
 Concen: 18.542 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

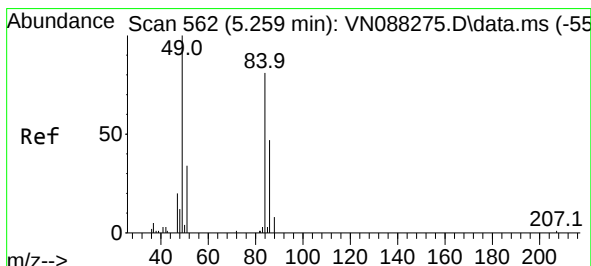
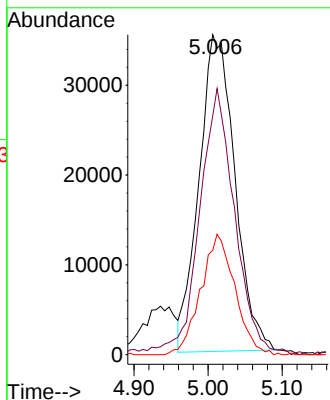
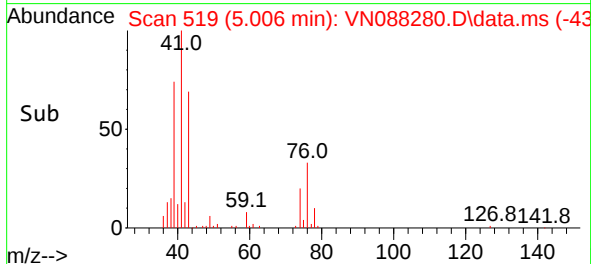
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111325



Tgt Ion: 41 Resp: 118554
 Ion Ratio Lower Upper
 41 100
 39 74.4 38.3 114.9
 76 32.7 18.5 55.5

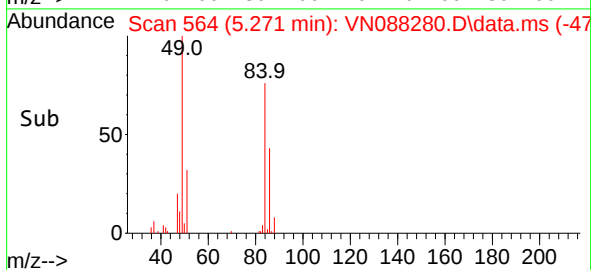
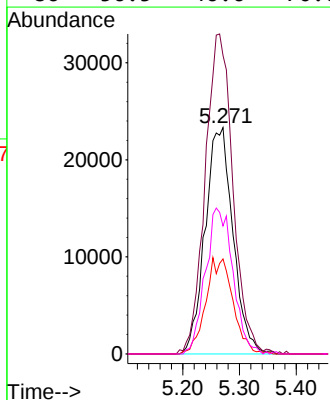
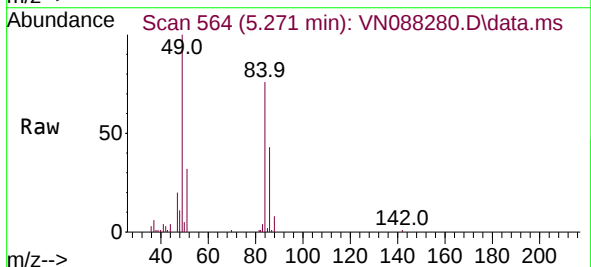
Manual Integrations
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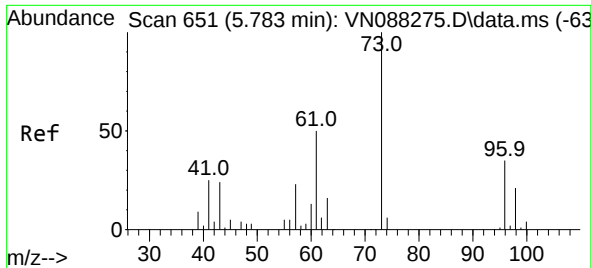
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#18
 Methylene Chloride
 Concen: 19.468 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

Tgt Ion: 84 Resp: 79620
 Ion Ratio Lower Upper
 84 100
 49 131.9 98.7 148.1
 51 42.0 33.7 50.5
 86 56.5 46.6 70.0





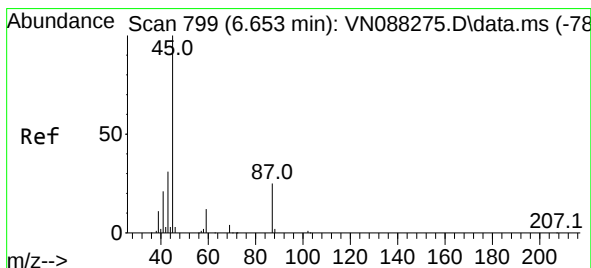
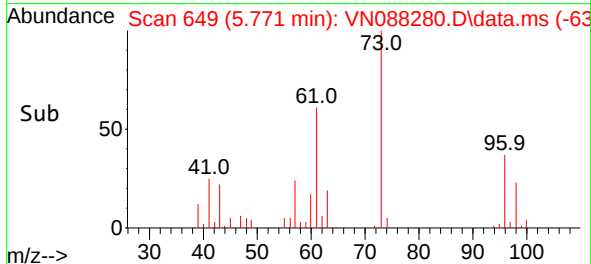
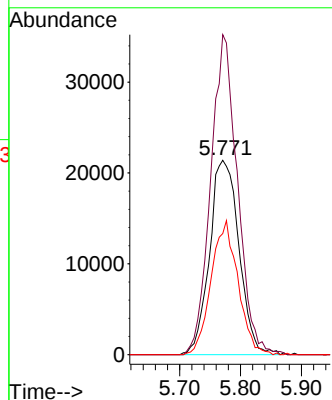
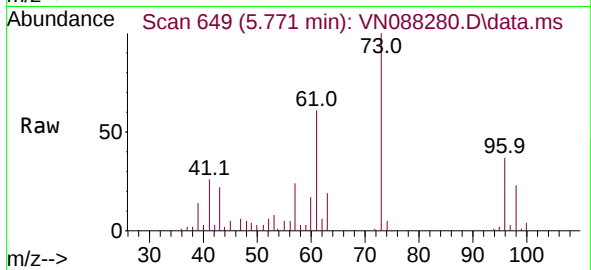
#19
trans-1,2-Dichloroethene
Concen: 18.765 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325

Tgt Ion: 96 Resp: 71896
Ion Ratio Lower Upper
96 100
61 164.7 117.0 175.4
98 62.3 48.6 72.8

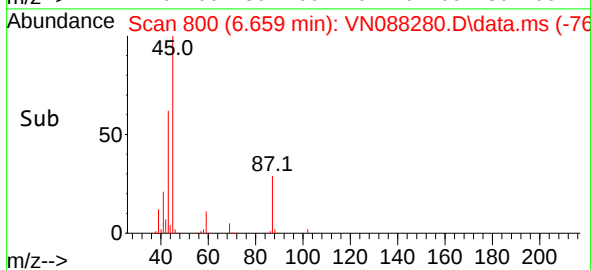
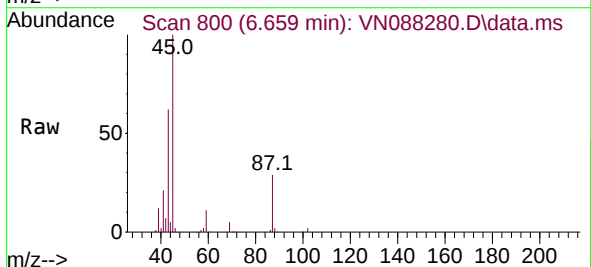
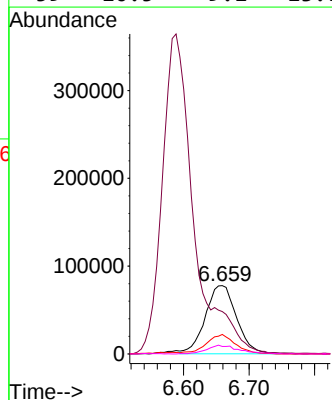
Manual Integrations
APPROVED

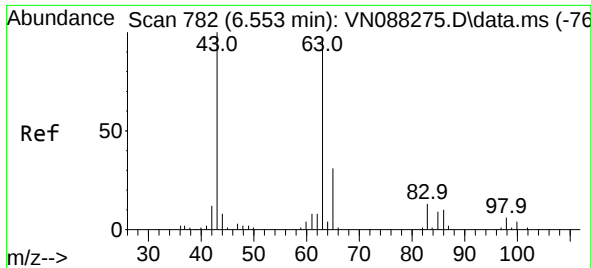
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#20
Diisopropyl ether
Concen: 18.786 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Tgt Ion: 45 Resp: 256681
Ion Ratio Lower Upper
45 100
43 61.2 51.9 77.9
87 28.7 21.1 31.7
59 10.5 9.1 13.7





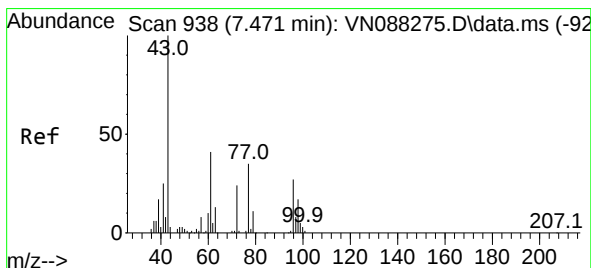
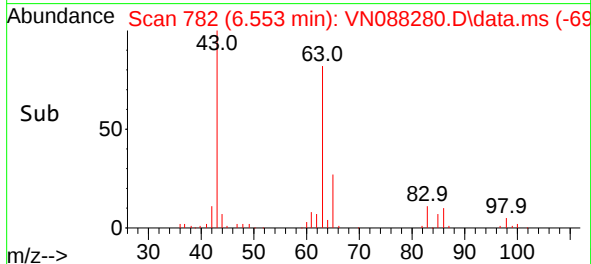
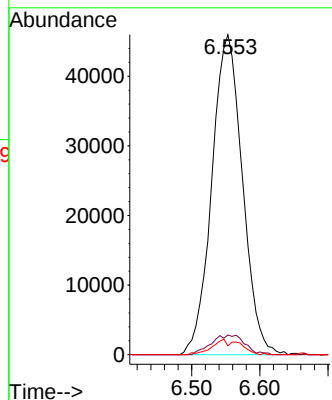
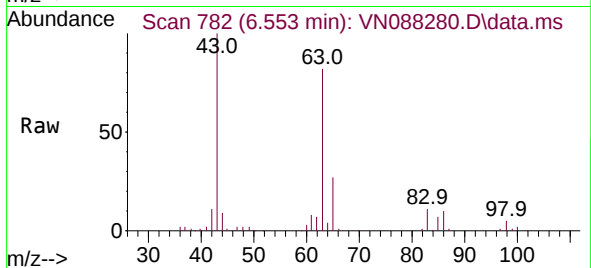
#21
1,1-Dichloroethane
Concen: 18.584 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325

Tgt Ion: 63 Resp: 14305
Ion Ratio Lower Upper
63 100
98 6.1 3.0 9.0
100 2.8 2.1 6.3

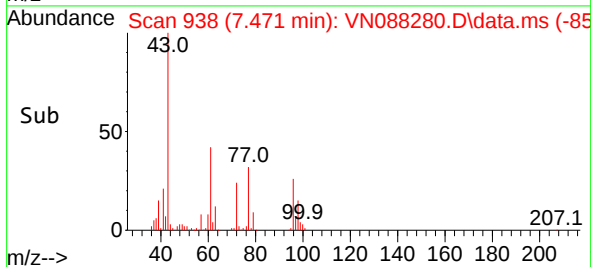
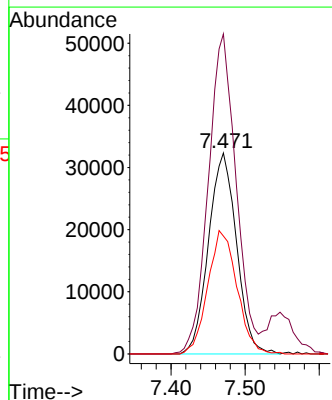
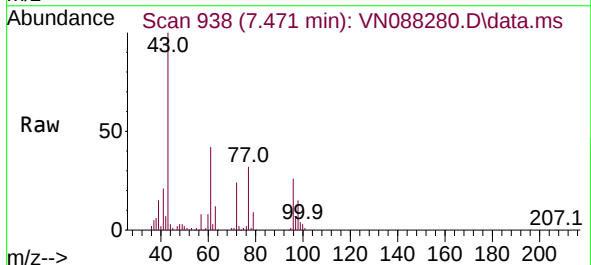
Manual Integrations
APPROVED

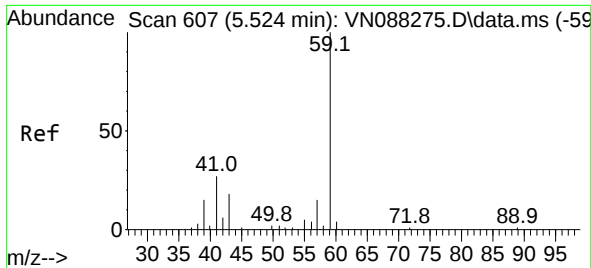
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#22
cis-1,2-Dichloroethene
Concen: 19.057 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

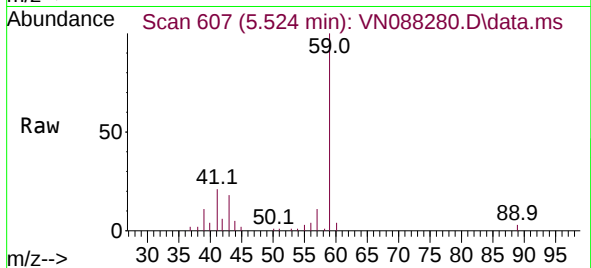
Tgt Ion: 96 Resp: 84864
Ion Ratio Lower Upper
96 100
61 157.8 131.2 196.8
98 63.8 51.0 76.4





#23
tert-Butyl Alcohol
Concen: 97.482 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

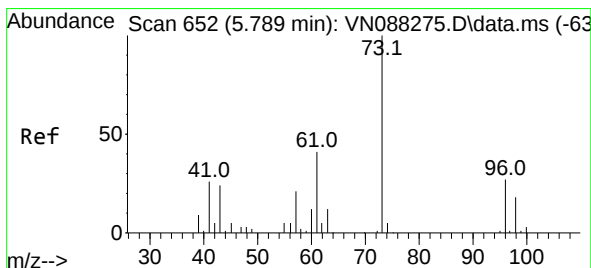
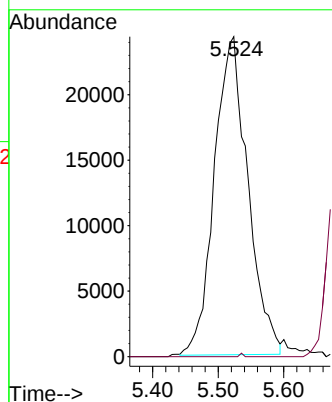
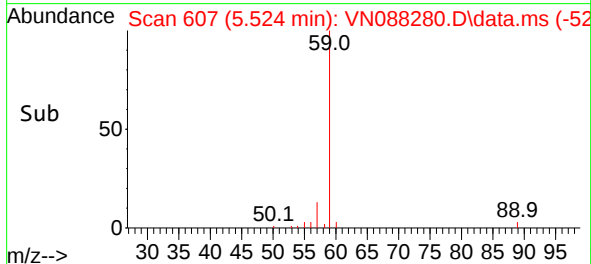
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN11325



Tgt Ion: 59 Resp: 86459
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

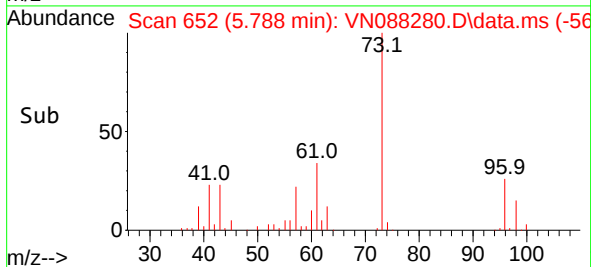
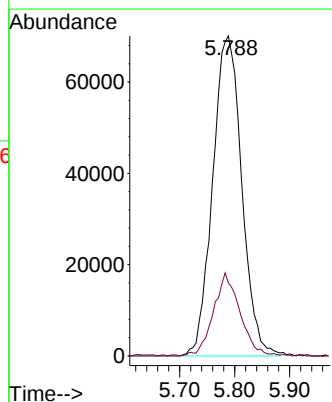
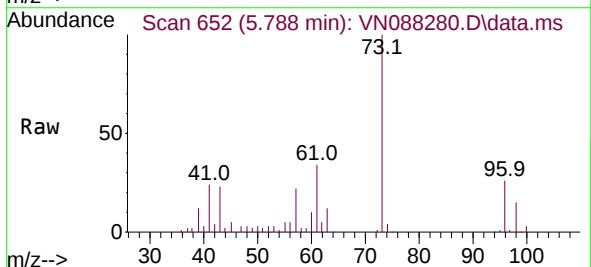
Manual Integrations
APPROVED

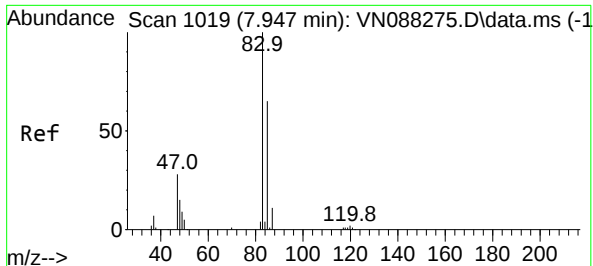
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#24
Methyl tert-Butyl Ether
Concen: 19.396 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Tgt Ion: 73 Resp: 257315
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7





#25

Chloroform

Concen: 18.728 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

ICNVN111325

Tgt Ion: 83 Resp: 14284

Ion Ratio Lower Upper

83 100

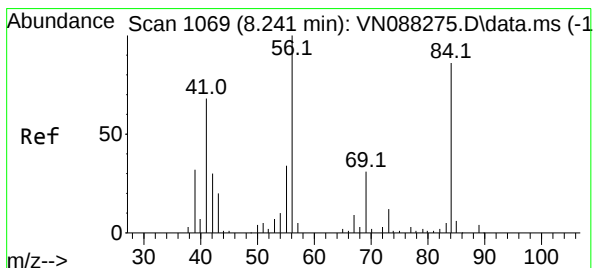
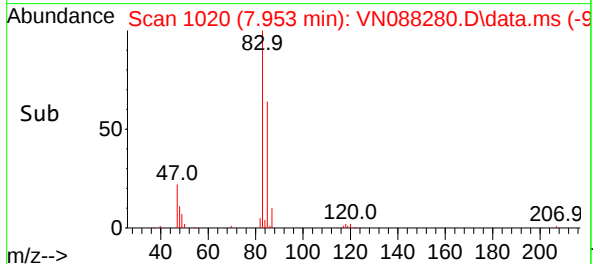
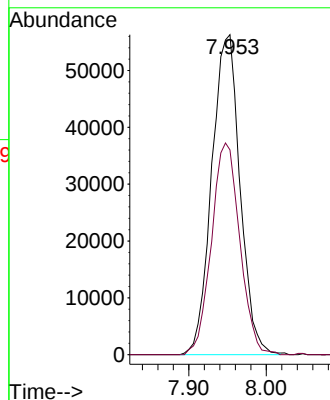
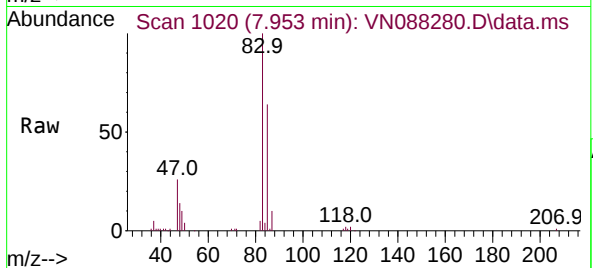
85 64.0 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#26

Cyclohexane

Concen: 16.413 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

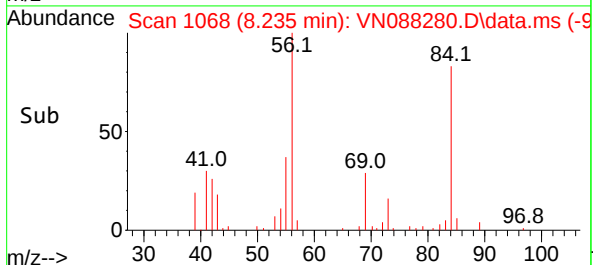
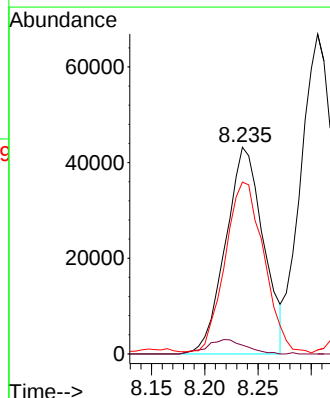
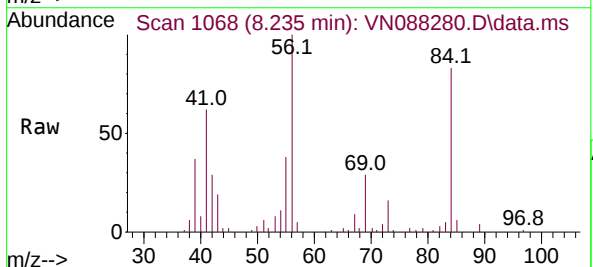
Tgt Ion: 56 Resp: 106714

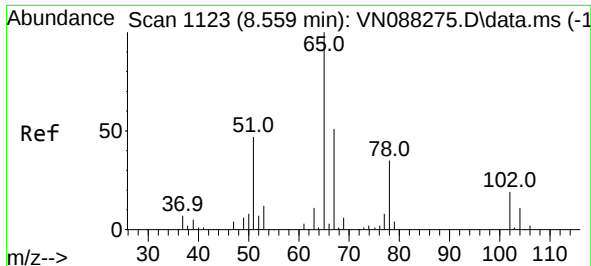
Ion Ratio Lower Upper

56 100

89 6.9 7.3 10.9#

84 85.9 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 30.050 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111325

Tgt Ion: 65 Resp: 16424

Ion Ratio Lower Upper

65 100

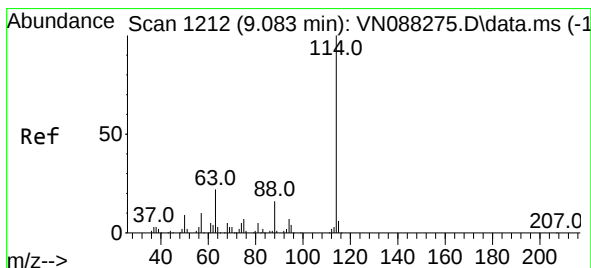
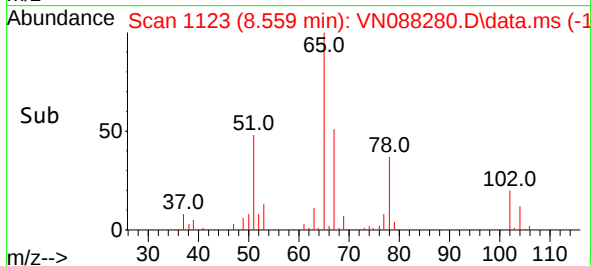
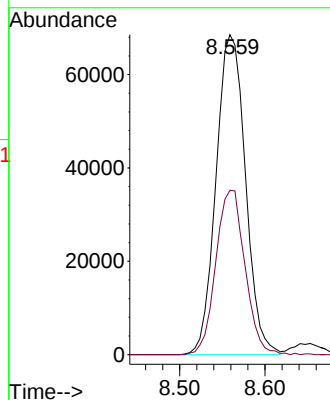
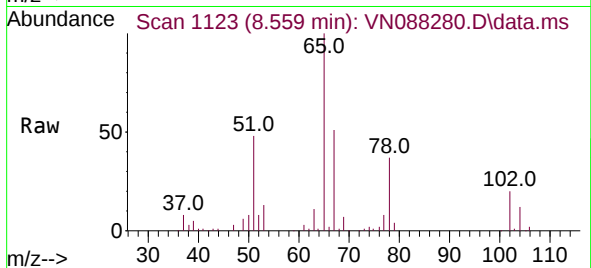
67 50.9 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

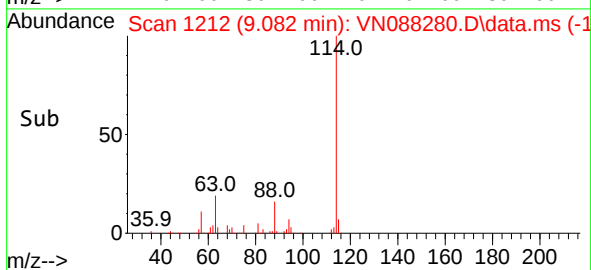
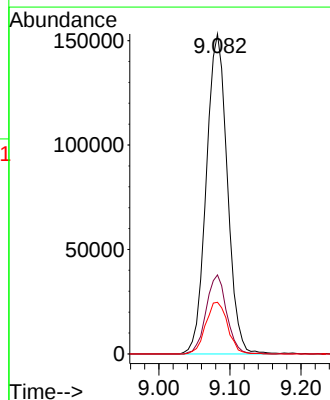
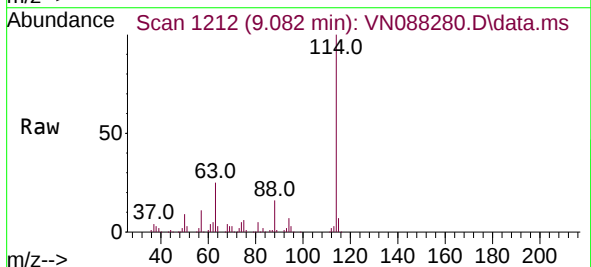
Tgt Ion:114 Resp: 314478

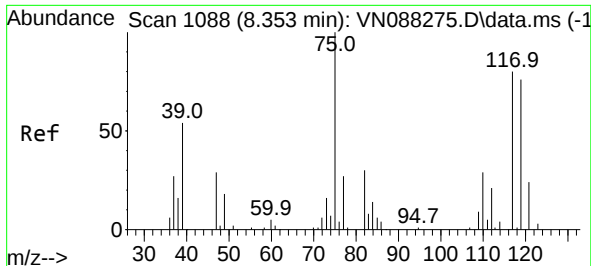
Ion Ratio Lower Upper

114 100

63 24.0 18.9 28.3

88 16.8 12.8 19.2





#29

1,1-Dichloropropene

Concen: 18.365 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111325

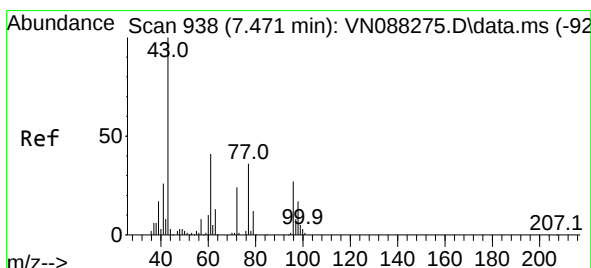
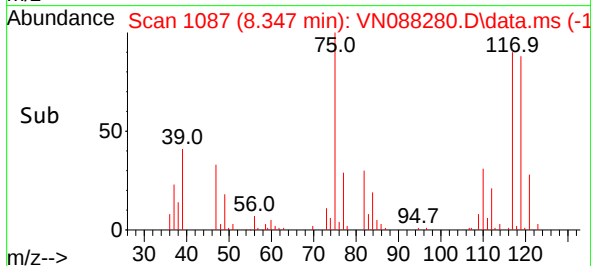
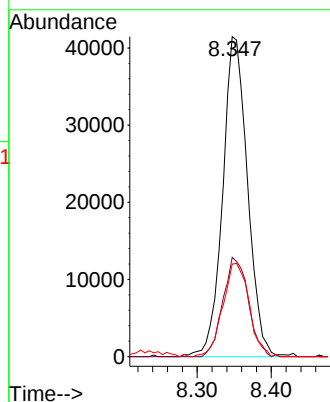
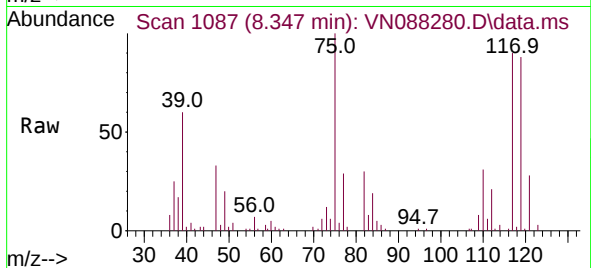
Tgt Ion: 75	Resp: 96362
Ion Ratio	Lower Upper
75 100	
110 31.6	0.0 65.6
77 30.7	0.0 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#30

2-Butanone

Concen: 96.429 ug/l

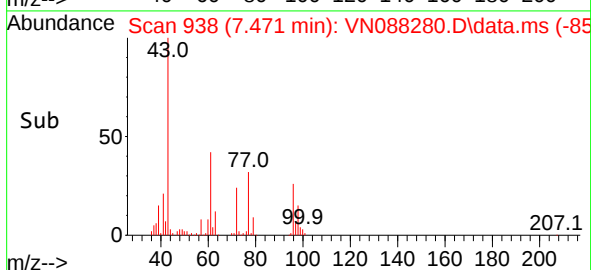
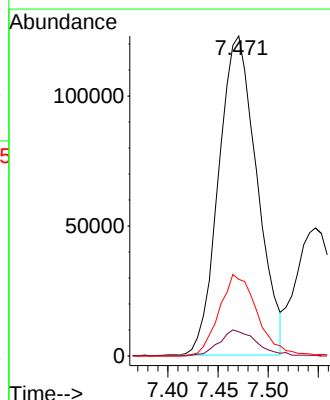
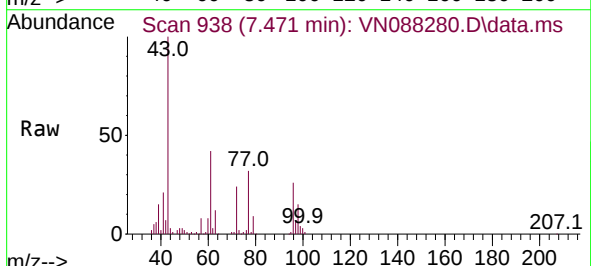
RT: 7.471 min Scan# 938

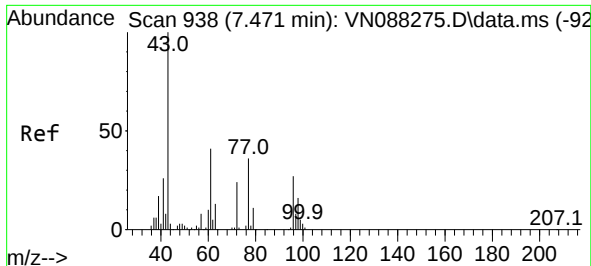
Delta R.T. -0.000 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

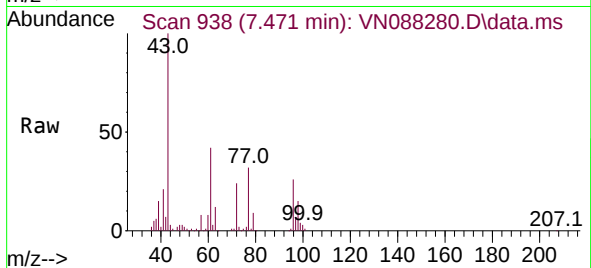
Tgt Ion: 43	Resp: 327303
Ion Ratio	Lower Upper
43 100	
57 7.9	6.2 9.4
72 25.3	19.4 29.2





#31
2,2-Dichloropropane
Concen: 17.345 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

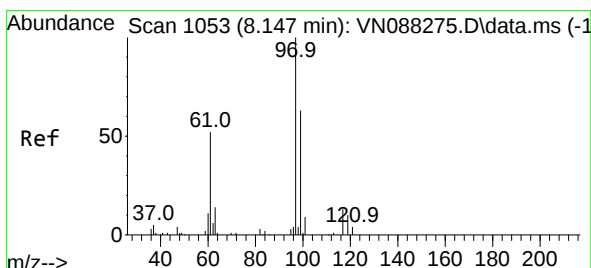
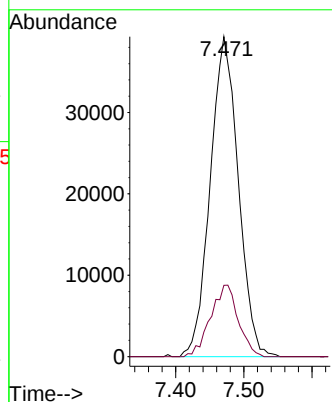
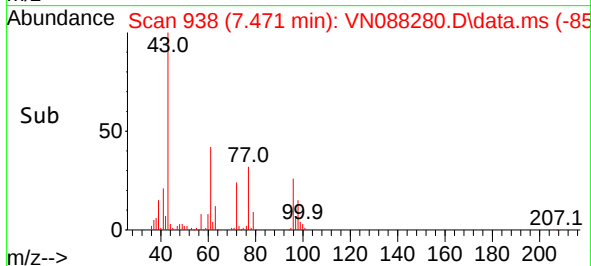
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion: 77 Resp: 112256
Ion Ratio Lower Upper
77 100
97 22.0 16.8 25.2

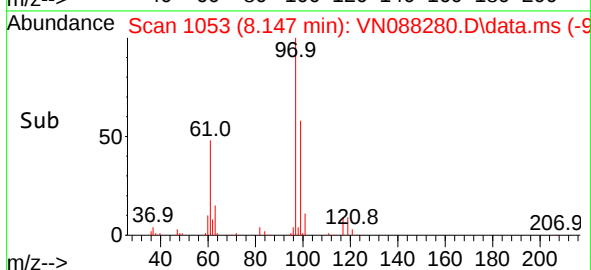
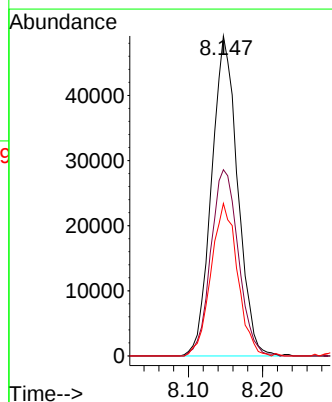
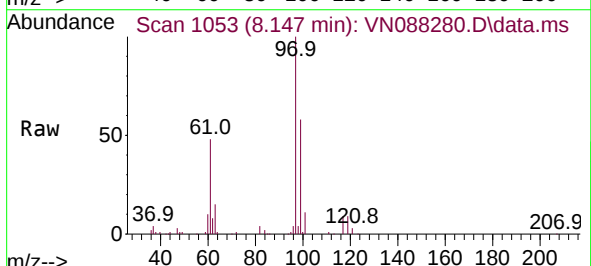
Manual Integrations
APPROVED

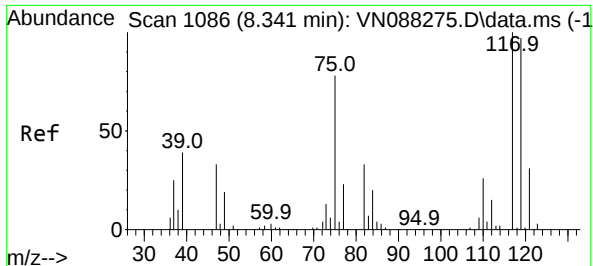
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#32
1,1,1-Trichloroethane
Concen: 18.551 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

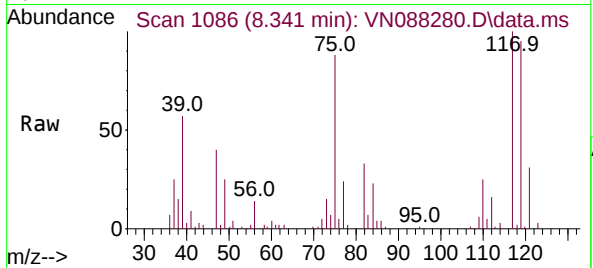
Tgt Ion: 97 Resp: 119999
Ion Ratio Lower Upper
97 100
99 61.5 50.2 75.4
61 48.3 39.8 59.8





#33
Carbon Tetrachloride
Concen: 17.683 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

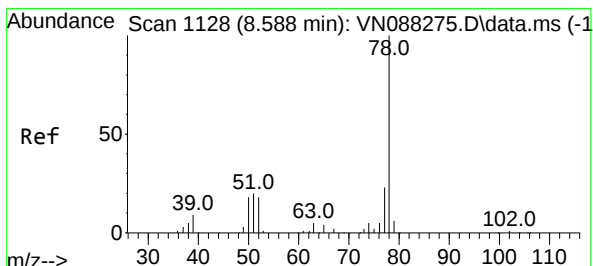
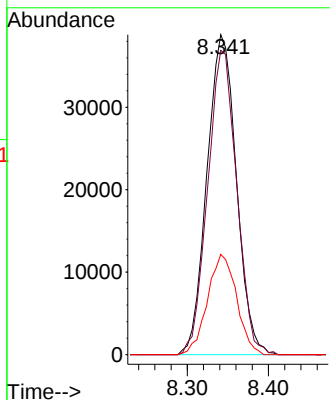
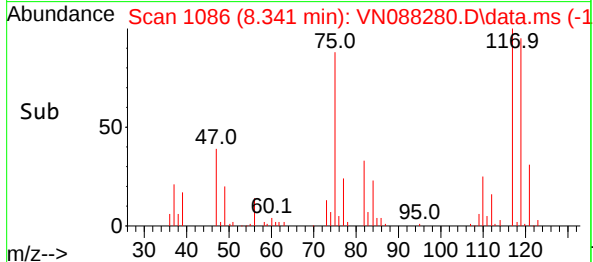
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325



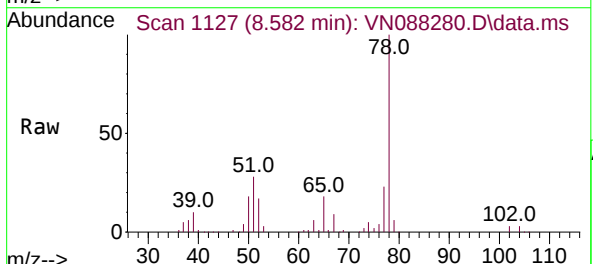
Tgt Ion: 117 Resp: 97672
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.8
121 31.3 24.5 36.7

Manual Integrations
APPROVED

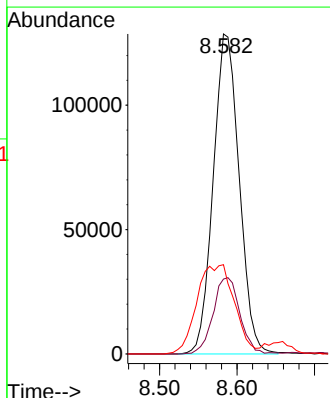
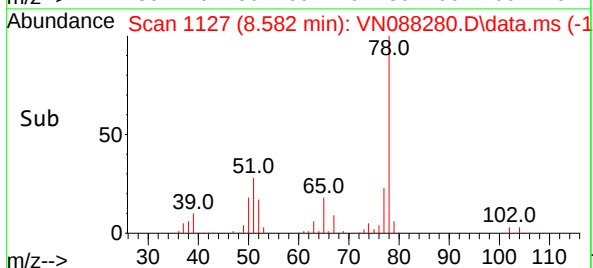
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

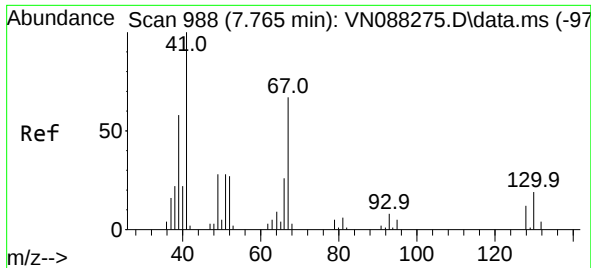


#34
Benzene
Concen: 19.106 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



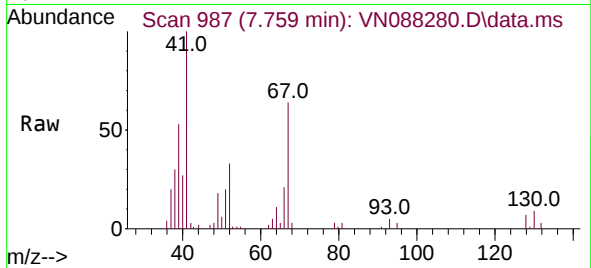
Tgt Ion: 78 Resp: 299669
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8
51 26.5 15.8 23.8





#35
Methacrylonitrile
Concen: 19.629 ug/l
RT: 7.759 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

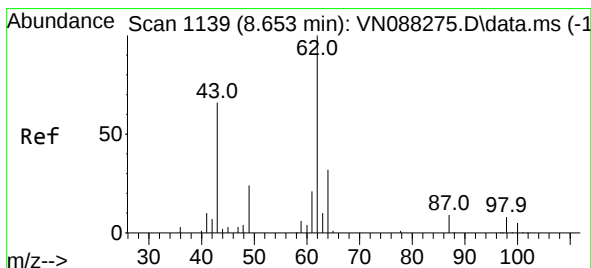
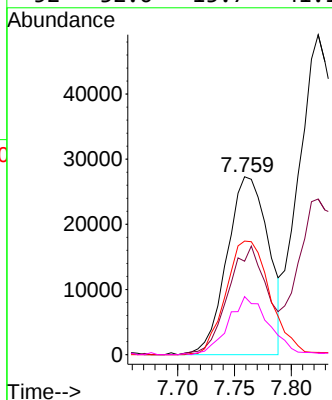
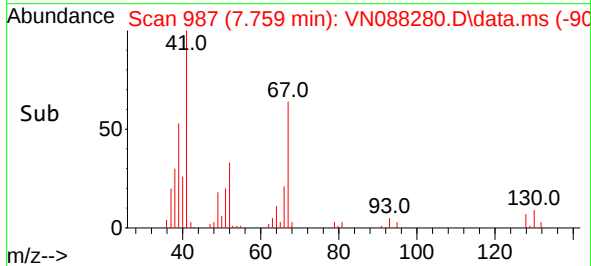
Instrument :
MSVOA_N
Client Sample Id :
ICNVN111325



Tgt Ion: 41 Resp: 69495
Ion Ratio Lower Upper
41 100
39 52.5 29.0 87.0
67 63.8 33.3 99.9
52 32.6 13.7 41.1

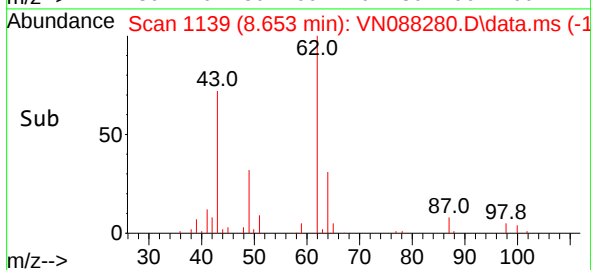
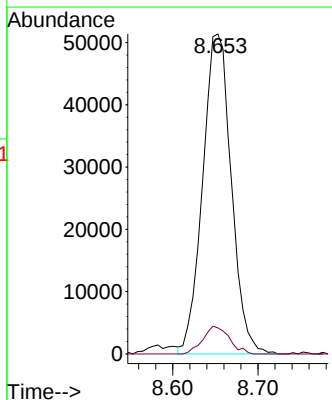
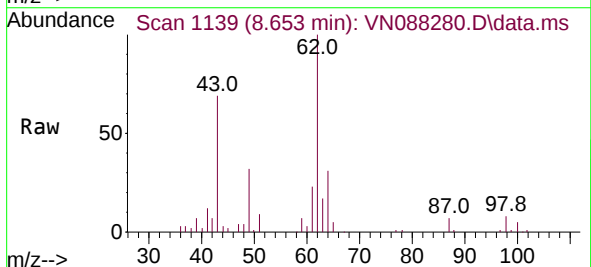
Manual Integrations
APPROVED

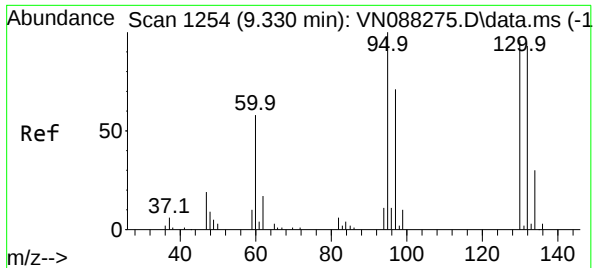
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#36
1,2-Dichloroethane
Concen: 19.661 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

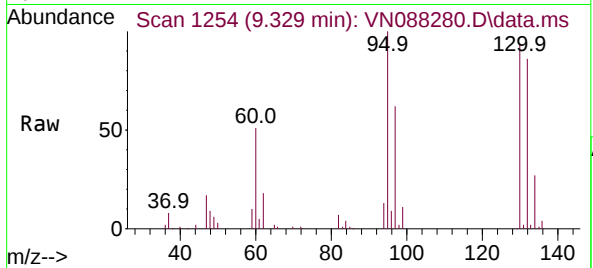
Tgt Ion: 62 Resp: 120013
Ion Ratio Lower Upper
62 100
98 7.9 6.8 10.2





#37
Trichloroethene
Concen: 18.180 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

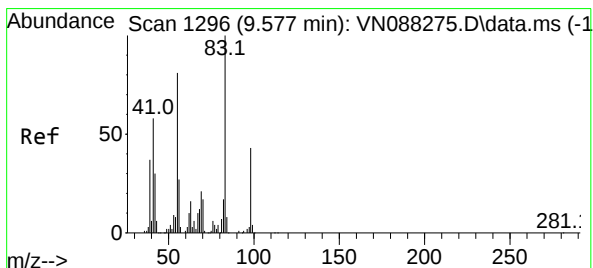
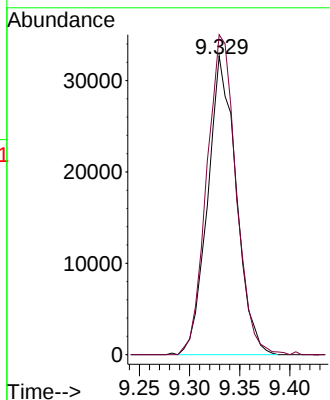
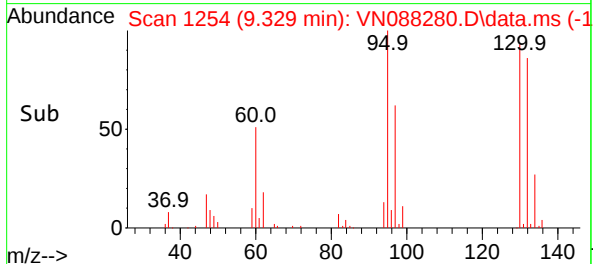
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN111325



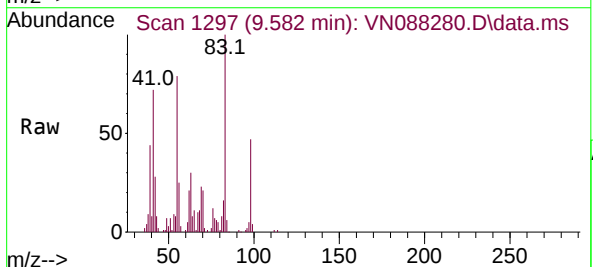
Tgt Ion:130 Resp: 6461
Ion Ratio Lower Upper
130 100
95 107.1 83.7 125.5

Manual Integrations
APPROVED

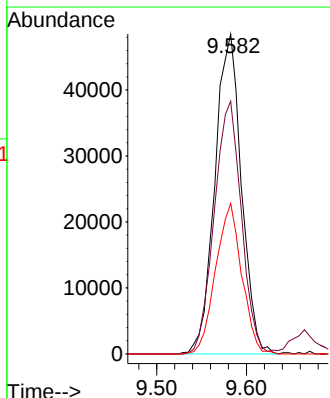
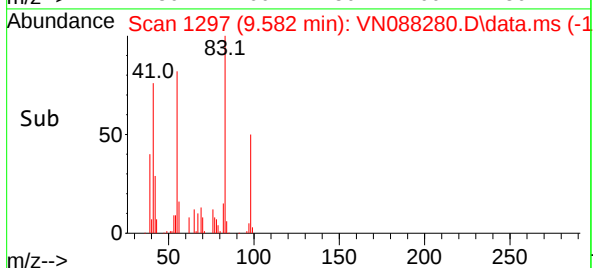
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

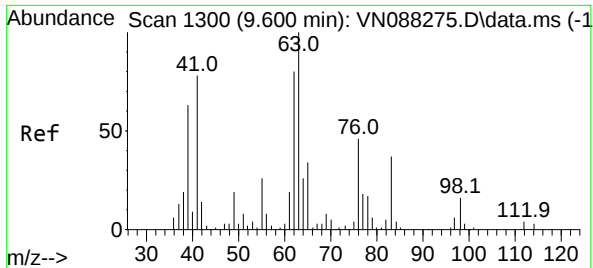


#38
Methylcyclohexane
Concen: 16.606 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



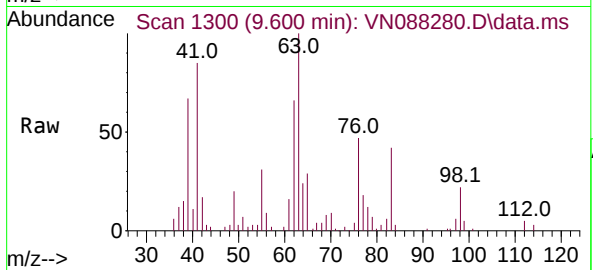
Tgt Ion: 83 Resp: 99896
Ion Ratio Lower Upper
83 100
55 80.6 40.8 122.5
98 45.9 23.4 70.3





#39
1,2-Dichloropropane
Concen: 19.491 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

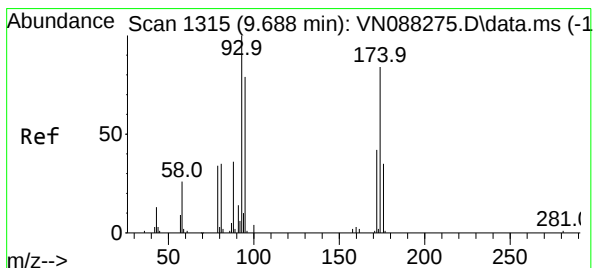
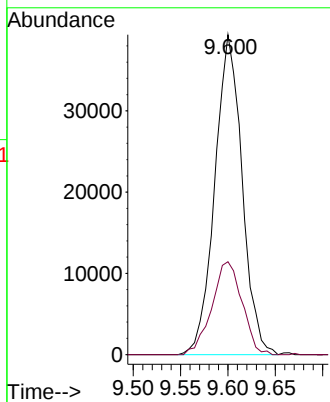
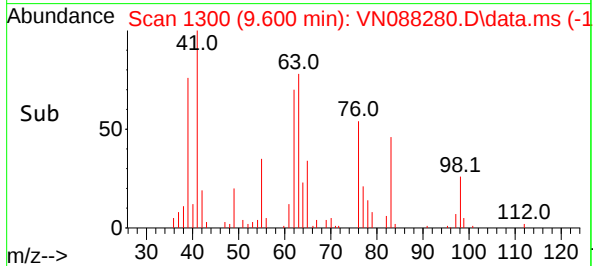
Instrument :
MSVOA_N
ClientSampleId :
ICNVN11325



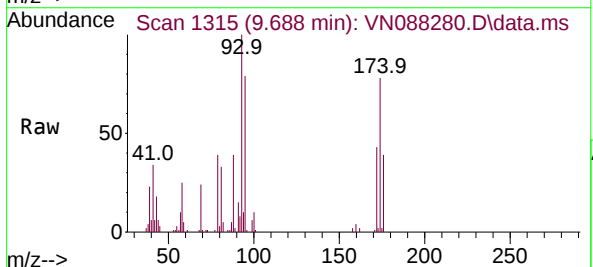
Tgt Ion: 63 Resp: 78876
Ion Ratio Lower Upper
63 100
65 29.0 27.8 41.6

Manual Integrations
APPROVED

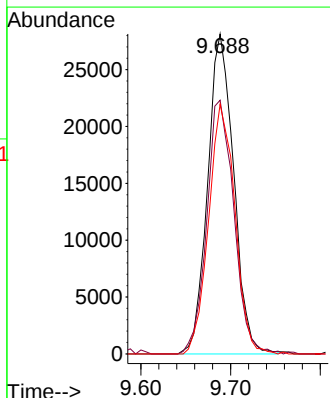
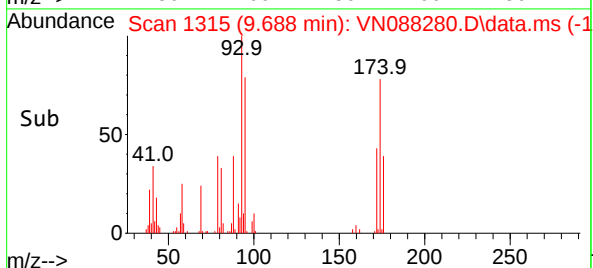
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

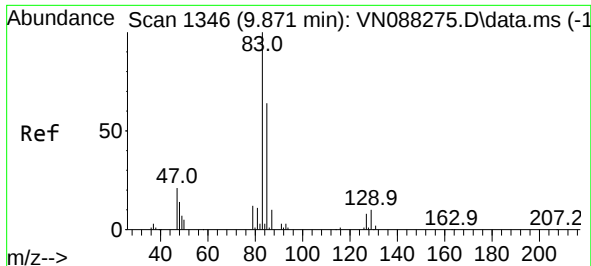


#40
Dibromomethane
Concen: 19.523 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



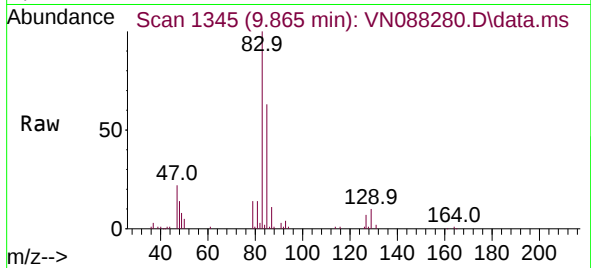
Tgt Ion: 93 Resp: 56759
Ion Ratio Lower Upper
93 100
95 82.7 0.0 161.6
174 78.9 0.0 158.2





#41
Bromodichloromethane
Concen: 19.856 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

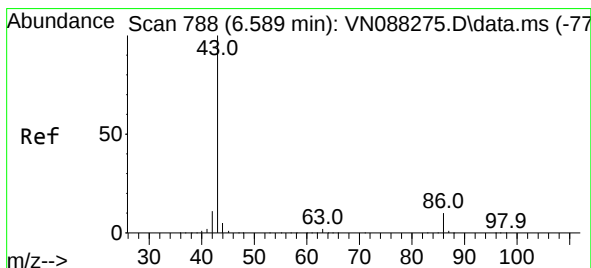
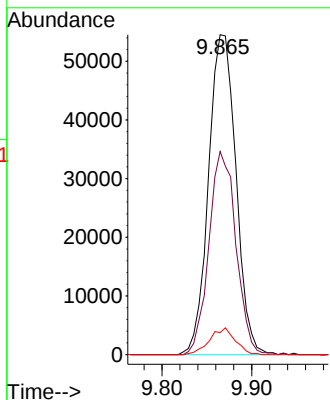
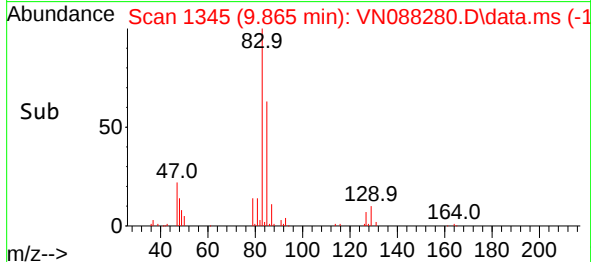
Instrument : MSVOA_N
ClientSampleId : ICVVN111325



Tgt Ion: 83 Resp: 116210
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 6.9 6.4 9.6

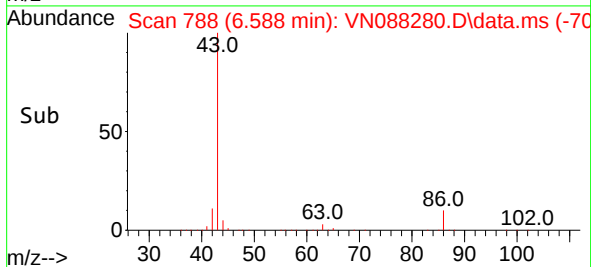
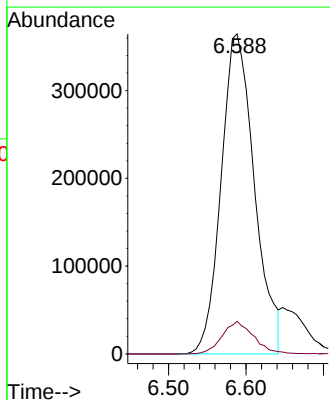
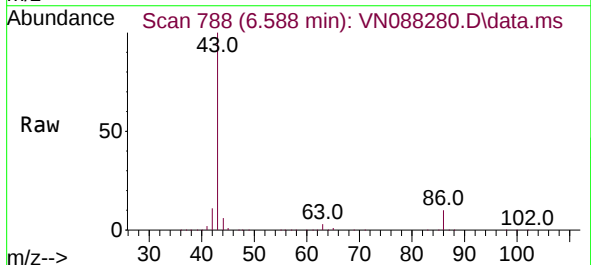
Manual Integrations
APPROVED

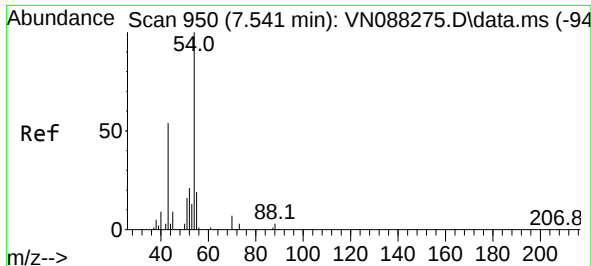
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
Vinyl Acetate
Concen: 96.465 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

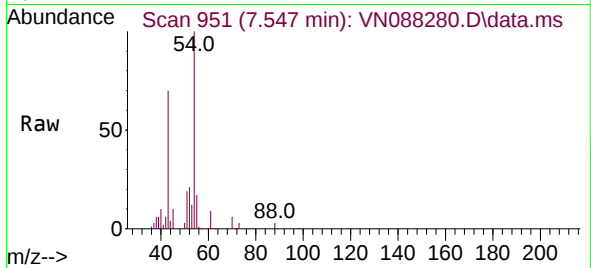
Tgt Ion: 43 Resp: 1092816
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.2





#43
Ethyl Acetate
Concen: 19.674 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

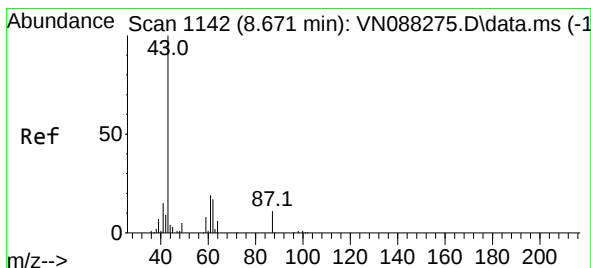
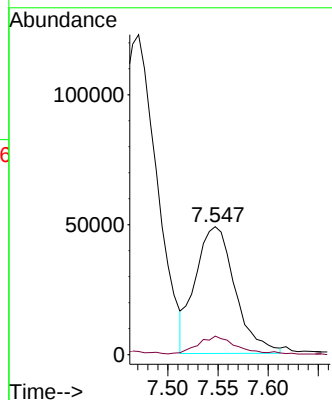
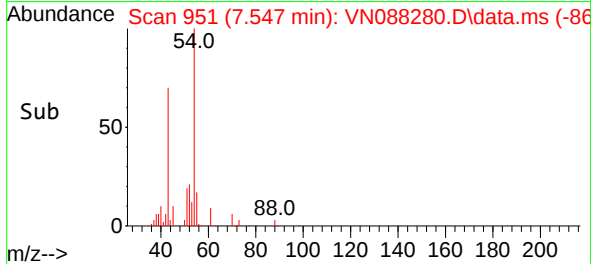
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325



Tgt Ion: 43 Resp: 13436
Ion Ratio Lower Upper
43 100
45 13.9 9.9 14.9

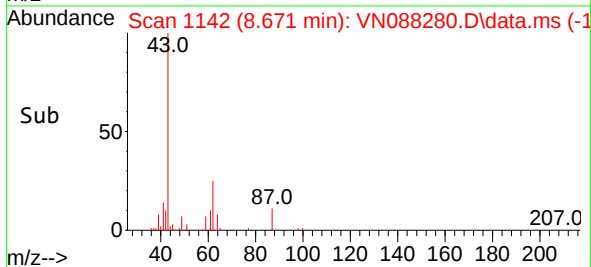
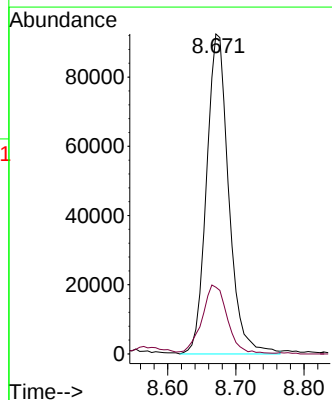
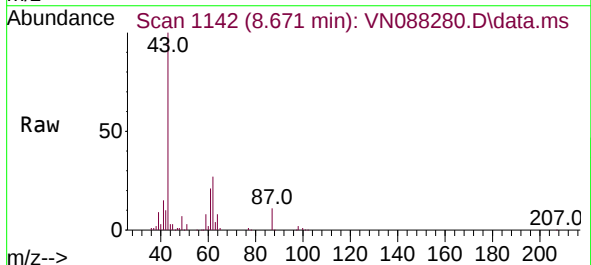
Manual Integrations
APPROVED

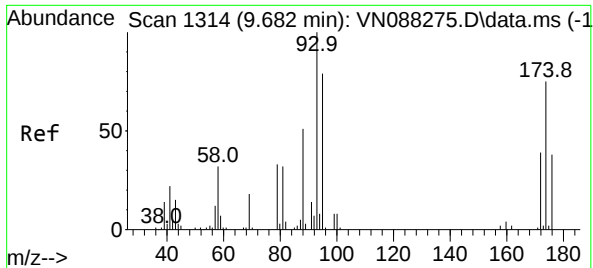
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#44
Isopropyl Acetate
Concen: 19.843 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

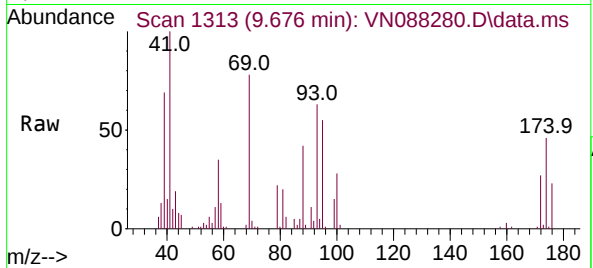
Tgt Ion: 43 Resp: 208844
Ion Ratio Lower Upper
43 100
61 24.1 19.0 28.6





#45
1,4-Dioxane
Concen: 457.924 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

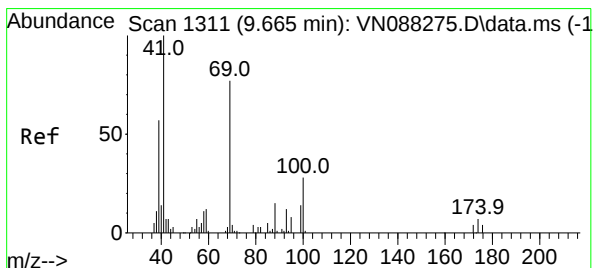
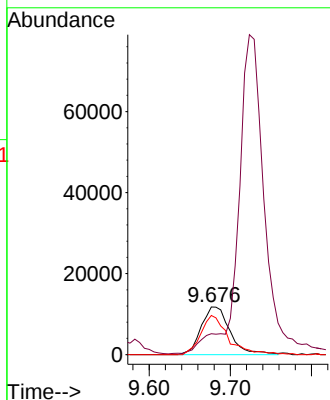
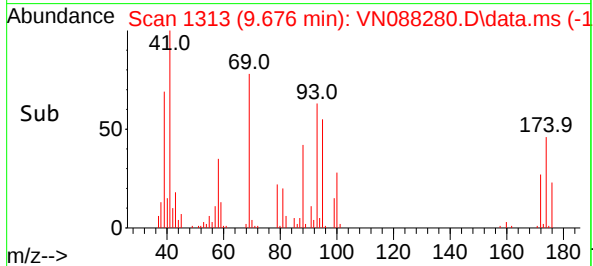
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion: 88 Resp: 29023
Ion Ratio Lower Upper
88 100
43 37.3 27.8 41.8
58 68.3 59.5 89.3

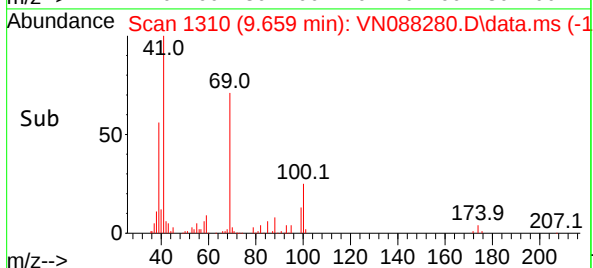
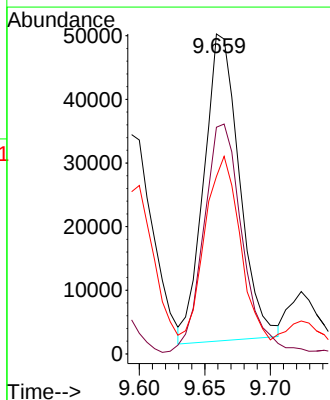
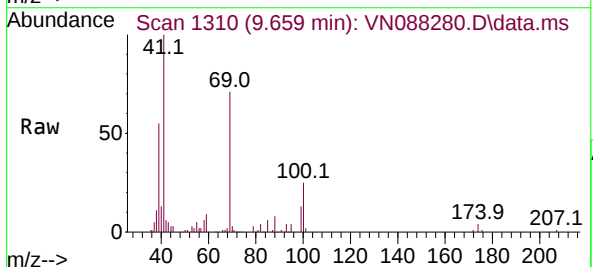
Manual Integrations
APPROVED

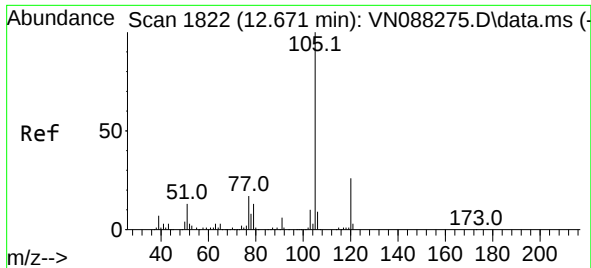
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#46
Methyl methacrylate
Concen: 18.433 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

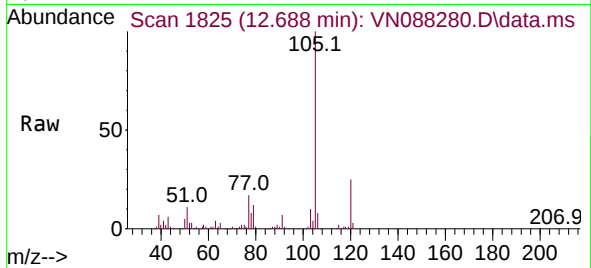
Tgt Ion: 41 Resp: 90781
Ion Ratio Lower Upper
41 100
69 74.3 38.5 115.3
39 54.1 29.0 87.1





#47
n-amy1 Acetate
Concen: 19.440 ug/l m
RT: 12.688 min Scan# 1822
Delta R.T. 0.017 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

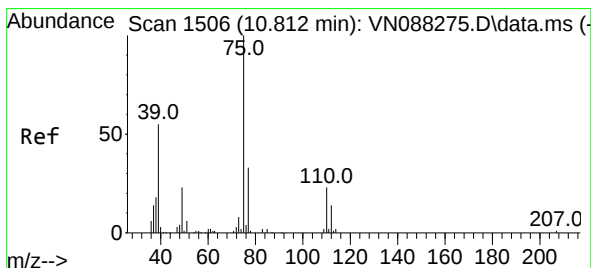
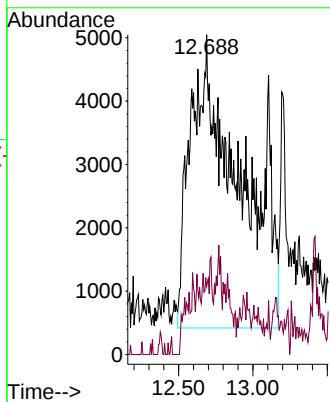
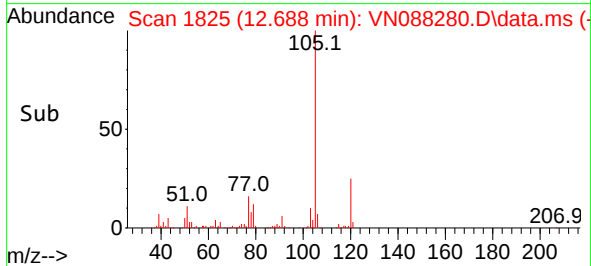
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion: 43 Resp: 103680
Ion Ratio Lower Upper
43 100
55 1.1 0.0 0.0

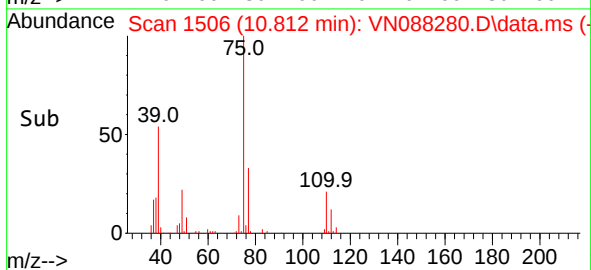
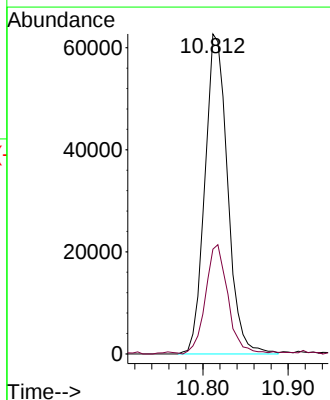
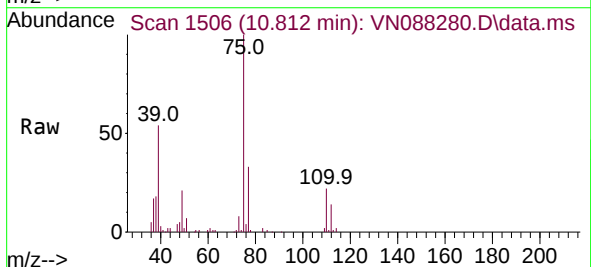
Manual Integrations
APPROVED

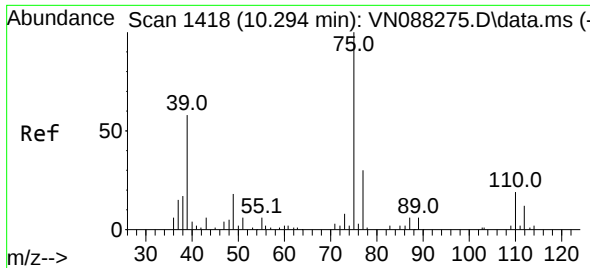
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#48
t-1,3-Dichloropropene
Concen: 18.554 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

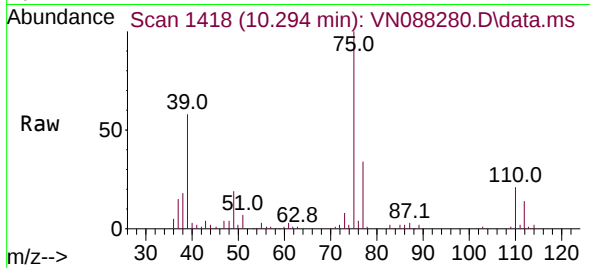
Tgt Ion: 75 Resp: 116148
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 18.883 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

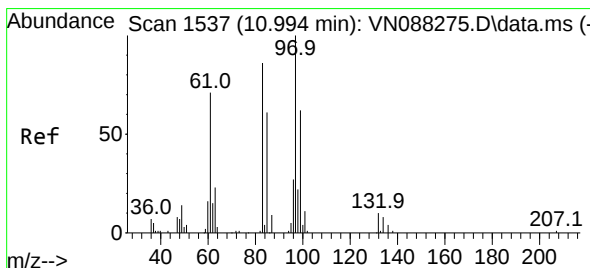
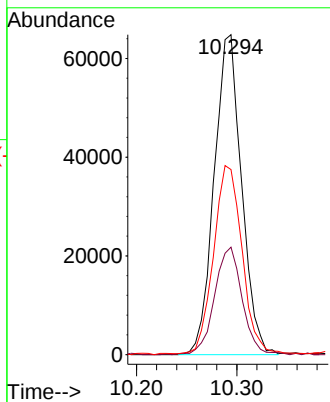
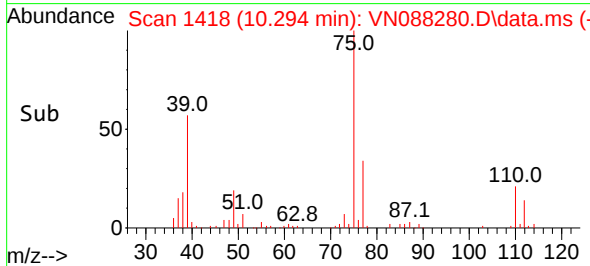
Instrument :
 MSVOA_N
 ClientSampleId :
 ICNVN111325



Tgt Ion: 75 Resp: 122990
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.4 36.6
 39 57.5 46.1 69.1

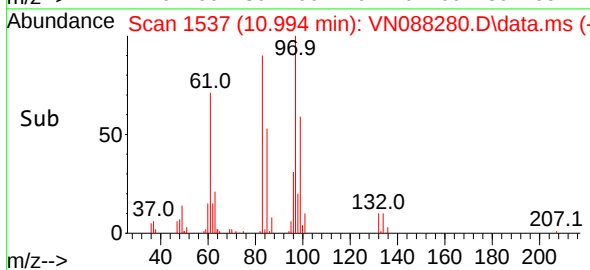
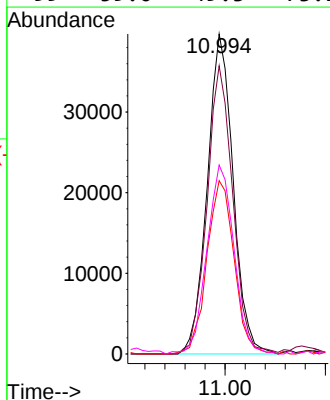
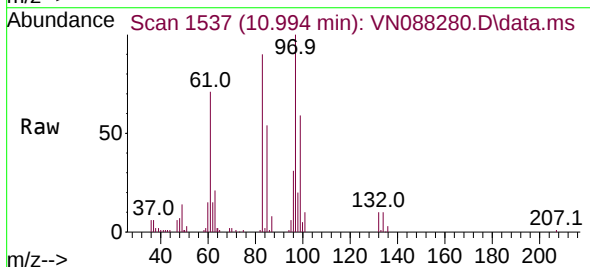
Manual Integrations
 APPROVED

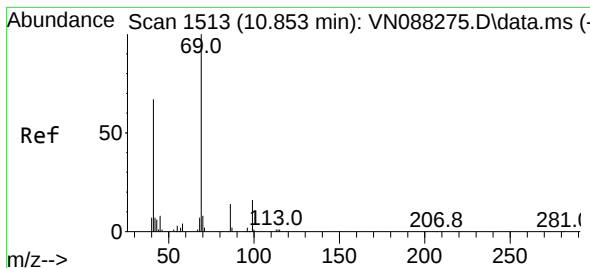
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.799 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

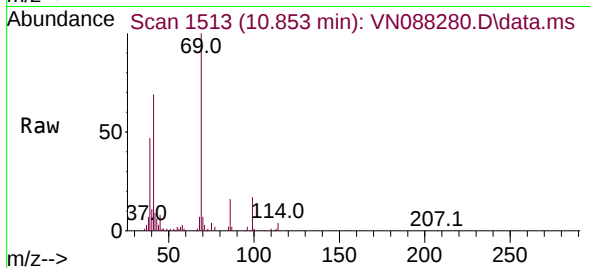
Tgt Ion: 97 Resp: 71176
 Ion Ratio Lower Upper
 97 100
 83 90.0 68.6 102.8
 85 54.2 49.0 73.6
 99 59.0 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.775 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

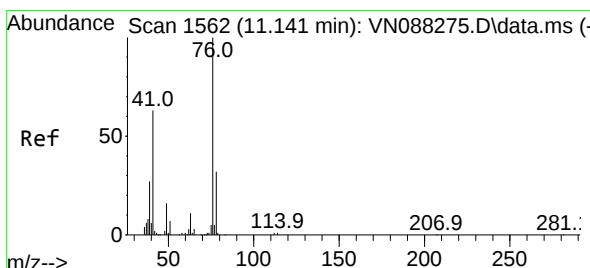
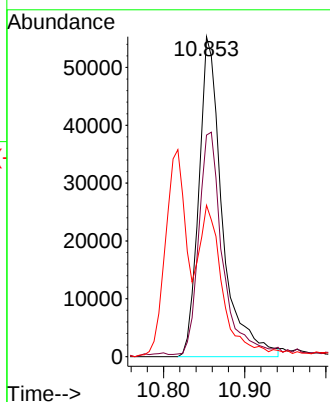
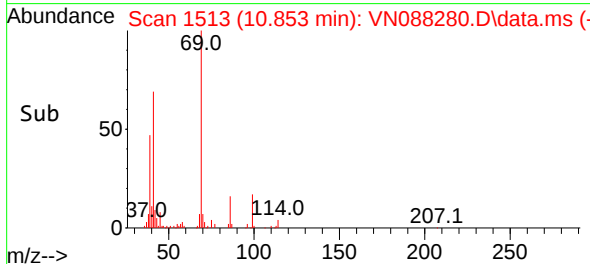
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325



Tgt Ion: 69 Resp: 111049
Ion Ratio Lower Upper
69 100
41 68.4 33.6 100.8
39 45.3 23.4 70.2

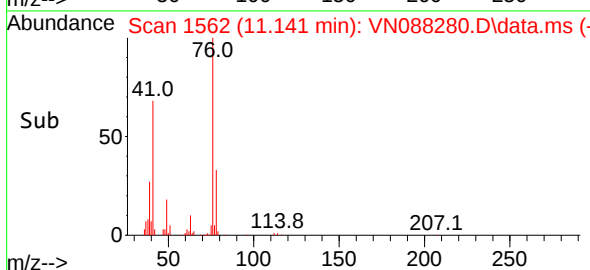
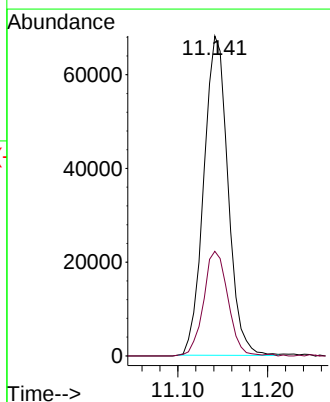
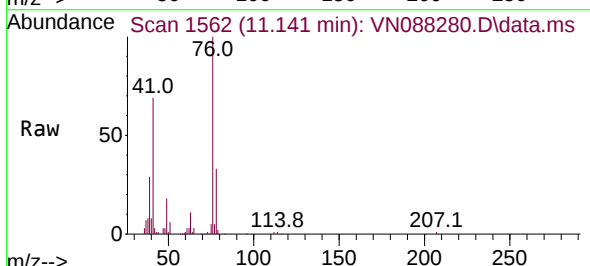
Manual Integrations
APPROVED

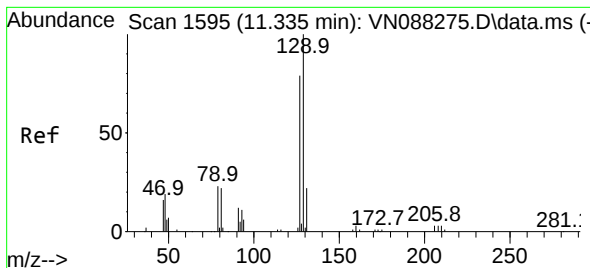
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
1,3-Dichloropropane
Concen: 19.520 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Tgt Ion: 76 Resp: 127801
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2





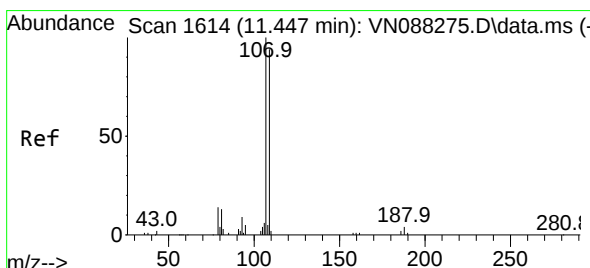
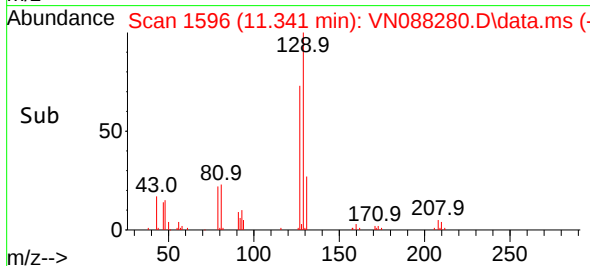
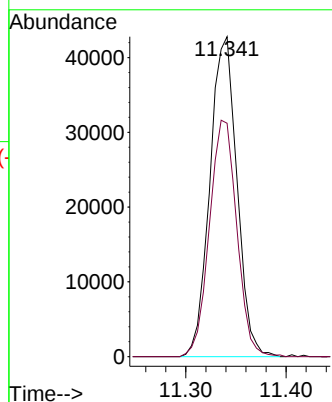
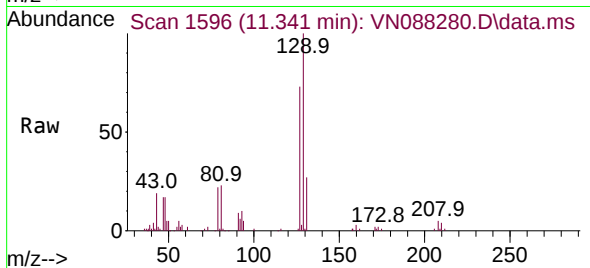
#53
Dibromochloromethane
Concen: 19.444 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325

Tgt Ion:129 Resp: 80293
Ion Ratio Lower Upper
129 100
127 74.6 38.2 114.6

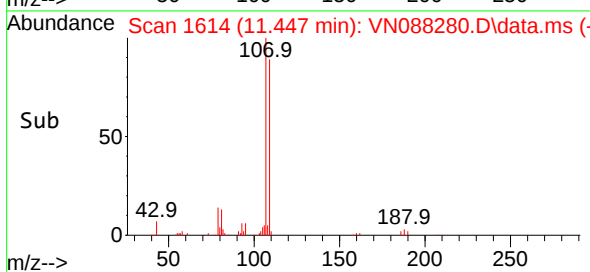
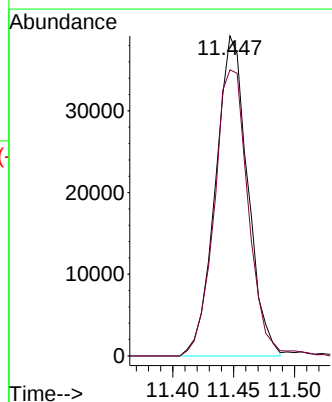
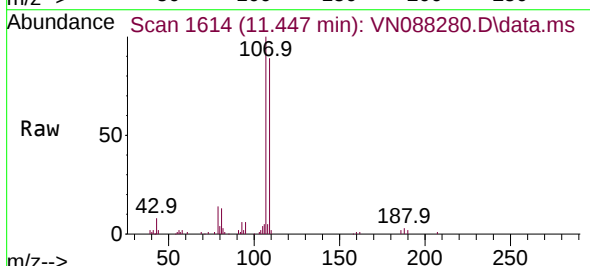
Manual Integrations
APPROVED

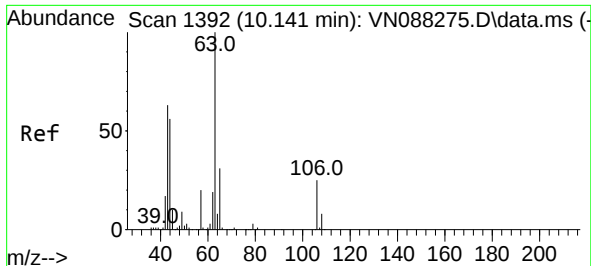
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#54
1,2-Dibromoethane
Concen: 19.284 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Tgt Ion:107 Resp: 72030
Ion Ratio Lower Upper
107 100
109 93.7 76.6 115.0





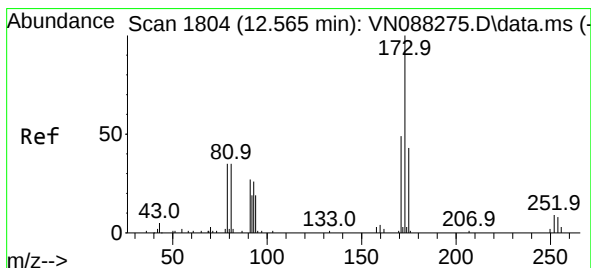
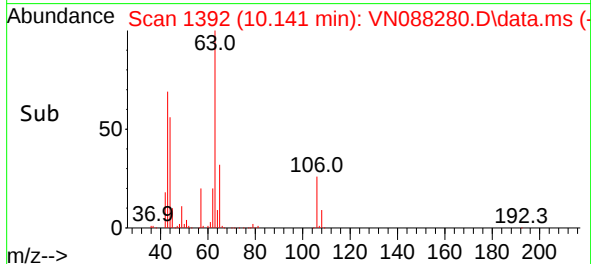
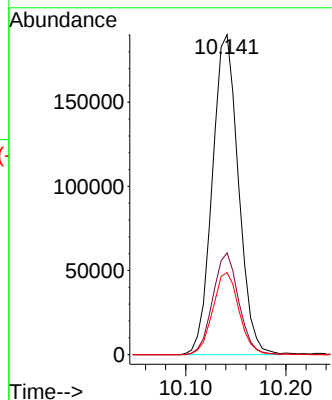
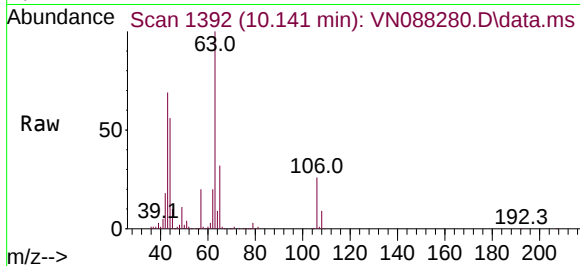
#55
2-Chloroethyl vinyl ether
Concen: 101.131 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICNVN11325

Tgt Ion: 63 Resp: 344568
Ion Ratio Lower Upper
63 100
65 31.5 24.9 37.3
106 25.9 20.3 30.5

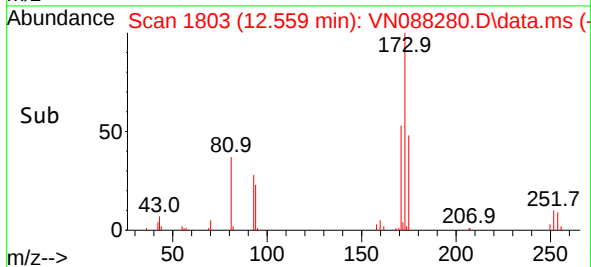
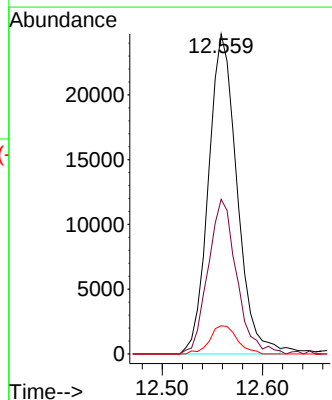
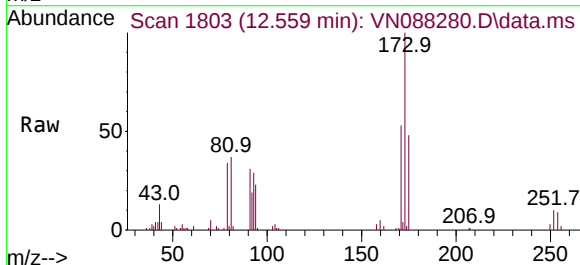
Manual Integrations
APPROVED

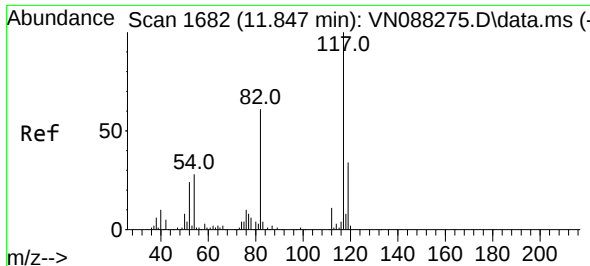
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#56
Bromoform
Concen: 18.671 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

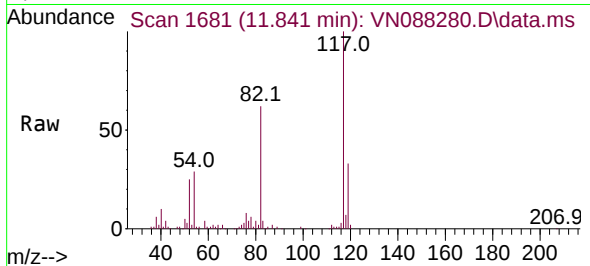
Tgt Ion:173 Resp: 48800
Ion Ratio Lower Upper
173 100
175 47.5 37.7 56.5
254 8.4 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

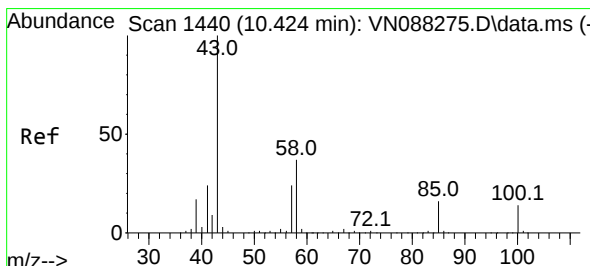
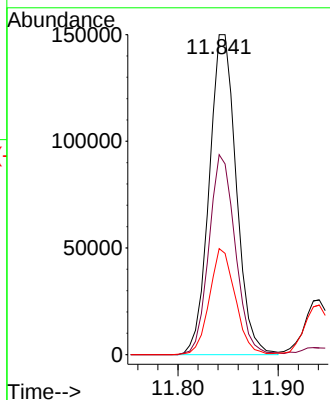
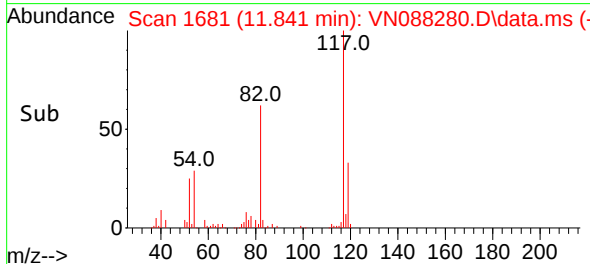
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion: 117 Resp: 281376
Ion Ratio Lower Upper
117 100
82 61.0 49.3 73.9
119 31.6 26.4 39.6

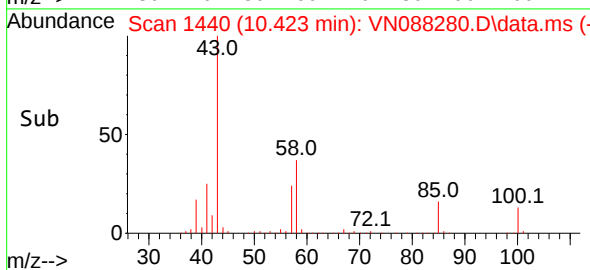
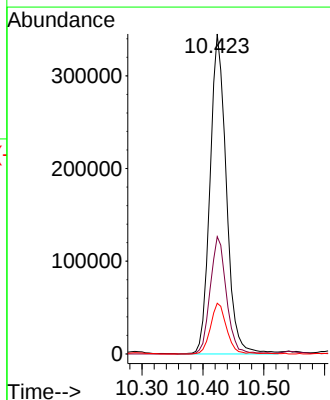
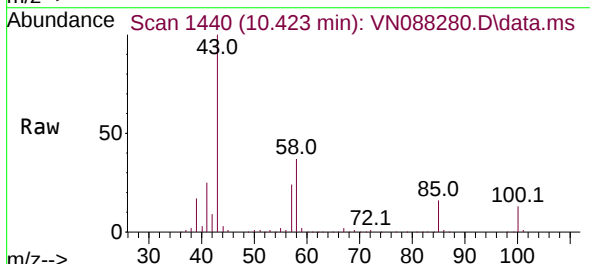
Manual Integrations
APPROVED

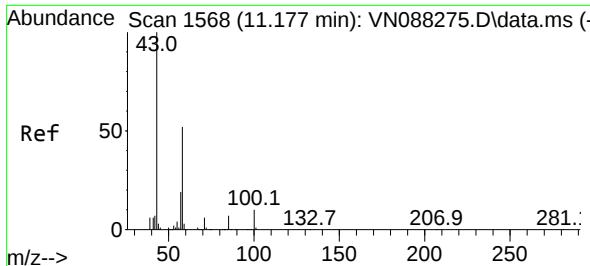
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#58
4-Methyl-2-Pentanone
Concen: 101.096 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

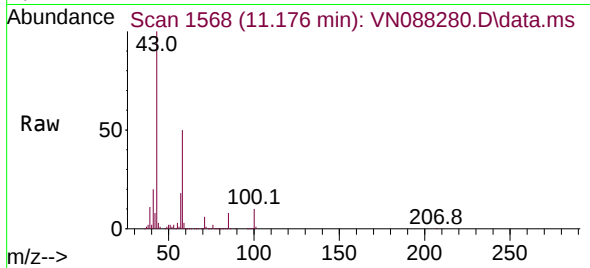
Tgt Ion: 43 Resp: 643377
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8
85 15.3 12.6 19.0





#59
2-Hexanone
Concen: 93.108 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

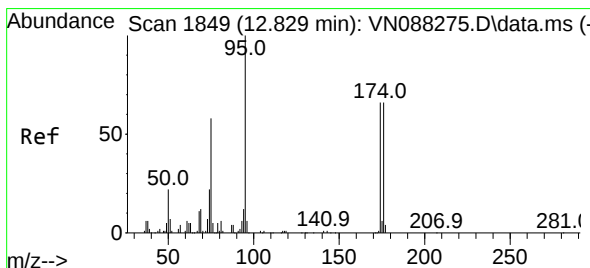
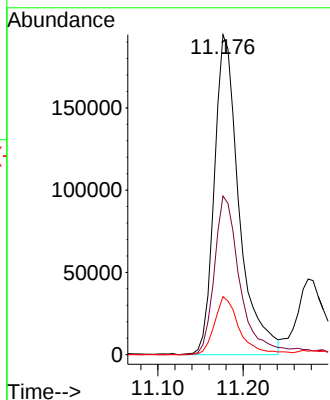
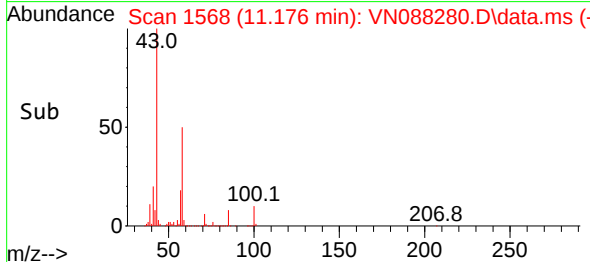
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion: 43 Resp: 393468
Ion Ratio Lower Upper
43 100
58 50.9 41.0 61.4
57 18.0 14.4 21.6

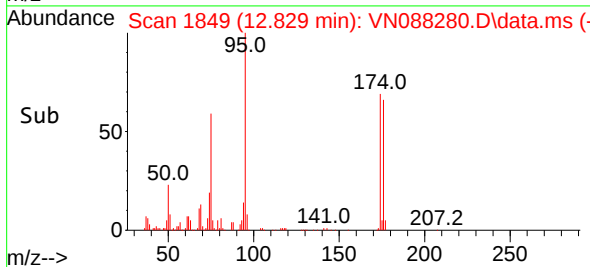
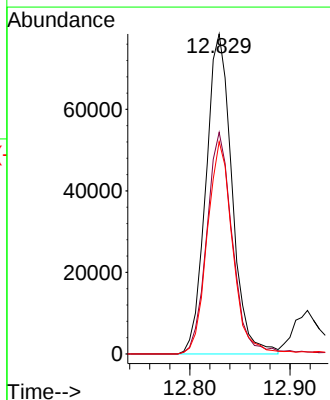
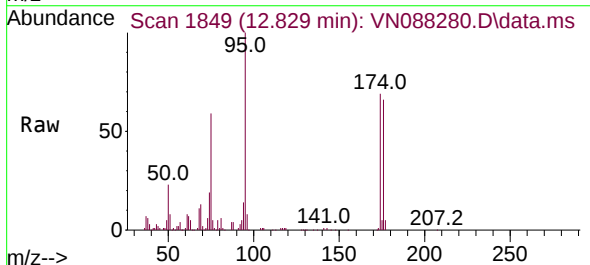
Manual Integrations
APPROVED

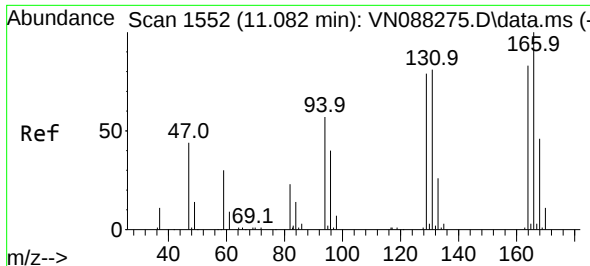
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#60
4-Bromofluorobenzene
Concen: 29.776 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

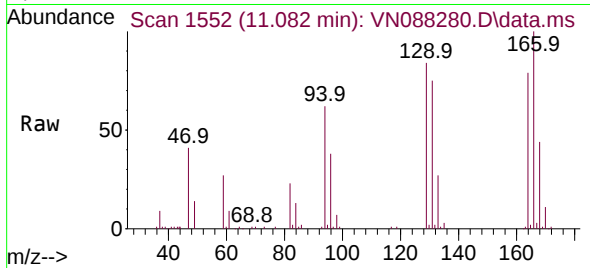
Tgt Ion: 95 Resp: 141628
Ion Ratio Lower Upper
95 100
174 68.1 54.5 81.7
176 64.5 53.8 80.6





#61
Tetrachloroethene
Concen: 18.628 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

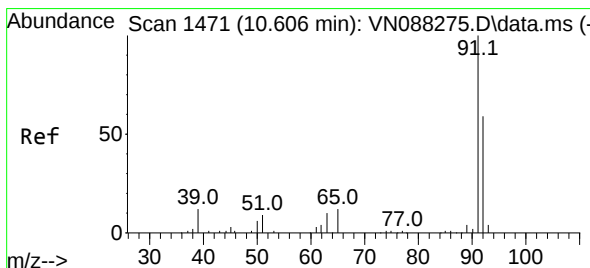
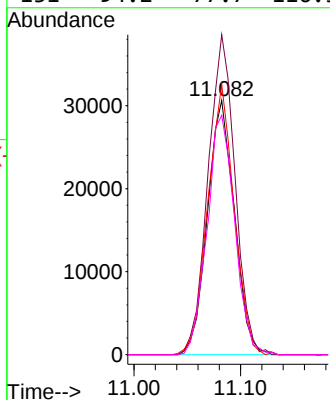
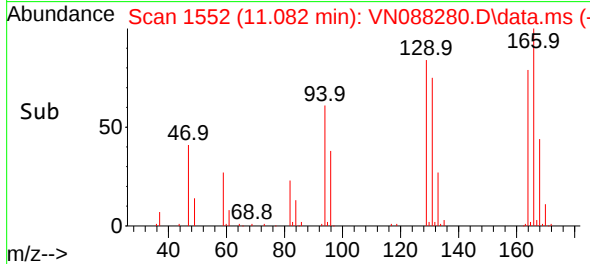
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



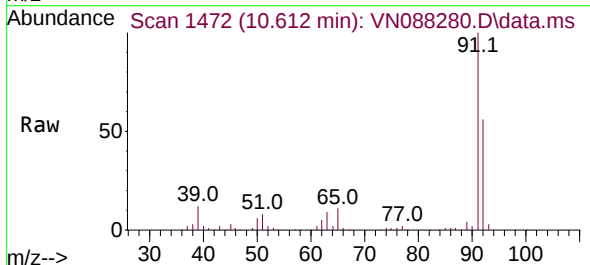
Tgt Ion:164 Resp: 54040
Ion Ratio Lower Upper
164 100
166 125.9 96.3 144.5
129 106.3 76.2 114.2
131 94.2 77.7 116.5

Manual Integrations
APPROVED

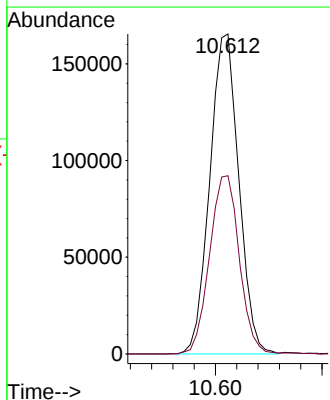
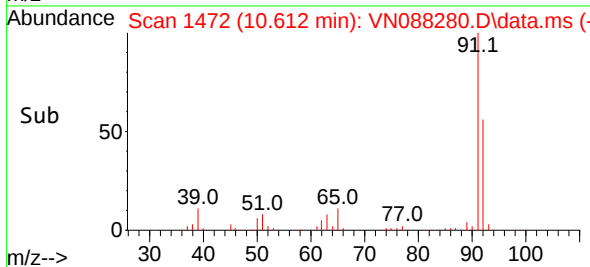
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

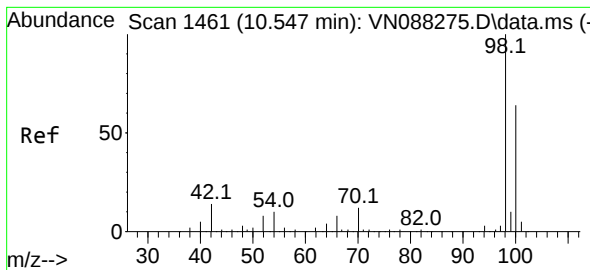


#62
Toluene
Concen: 19.386 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



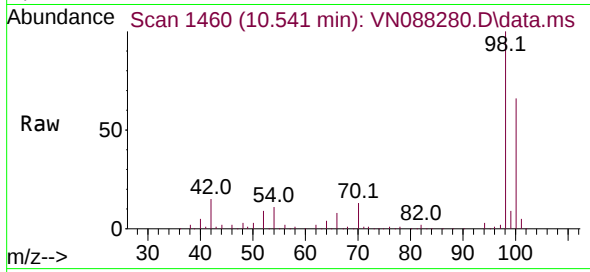
Tgt Ion: 91 Resp: 313035
Ion Ratio Lower Upper
91 100
92 57.1 46.7 70.1





#63
Toluene-d8
Concen: 29.898 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

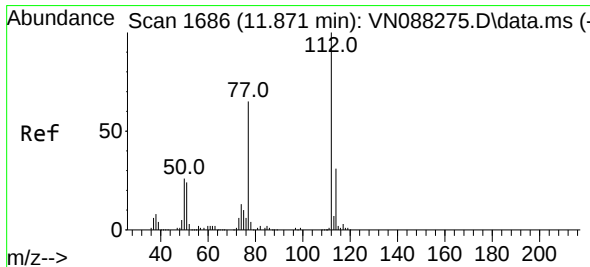
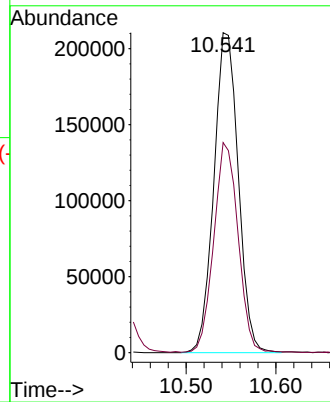
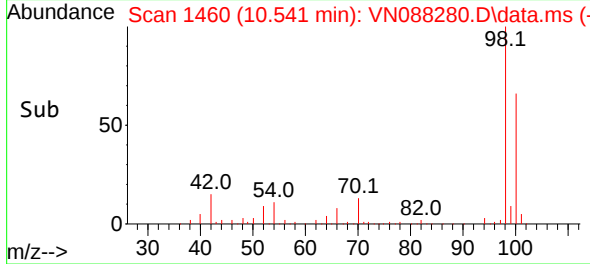
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325



Tgt Ion: 98 Resp: 398285
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

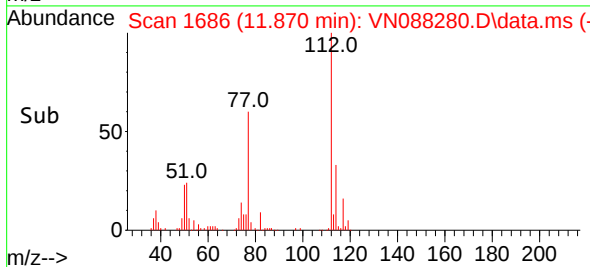
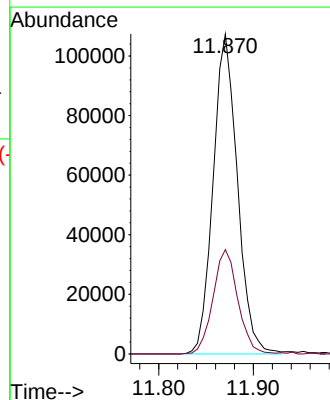
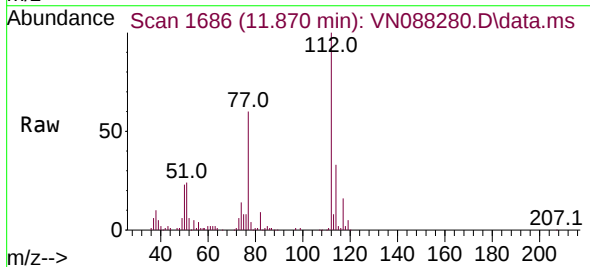
Manual Integrations
APPROVED

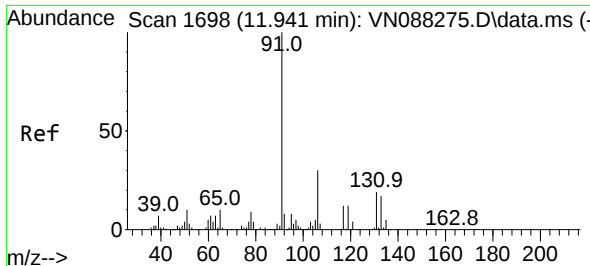
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#64
Chlorobenzene
Concen: 19.133 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

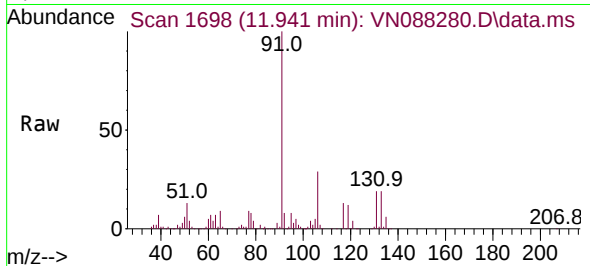
Tgt Ion:112 Resp: 191339
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

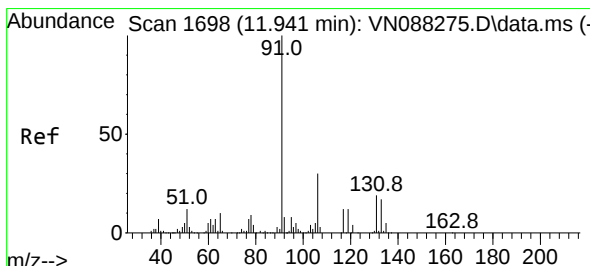
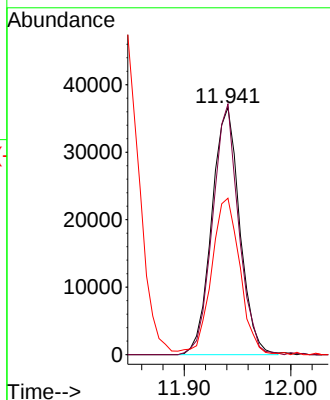
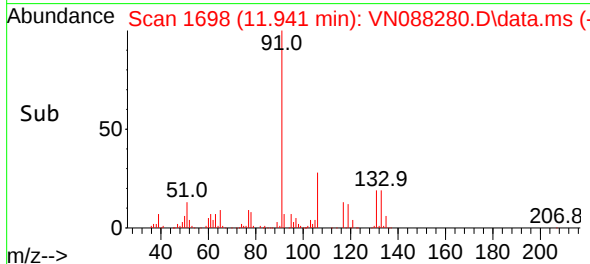
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



Tgt Ion:131 Resp: 66791
Ion Ratio Lower Upper
131 100
133 94.3 0.0 181.4
119 64.3 0.0 135.0

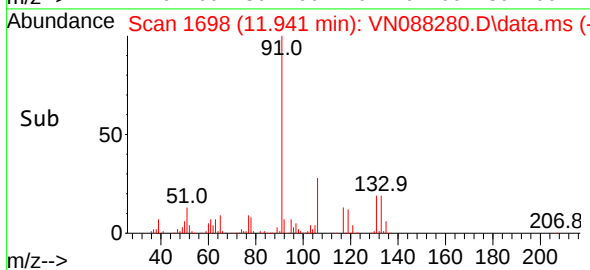
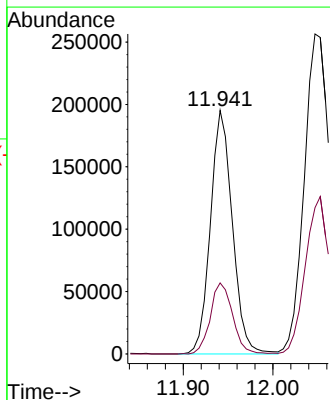
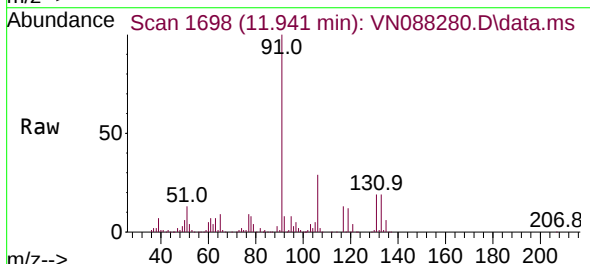
Manual Integrations
APPROVED

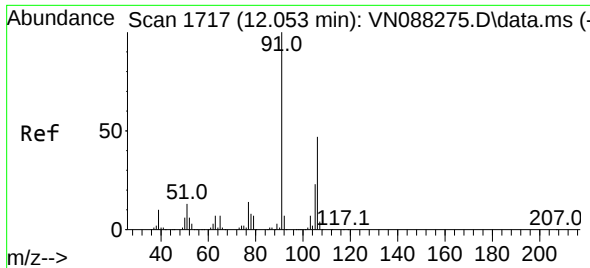
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#66
Ethyl Benzene
Concen: 18.667 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

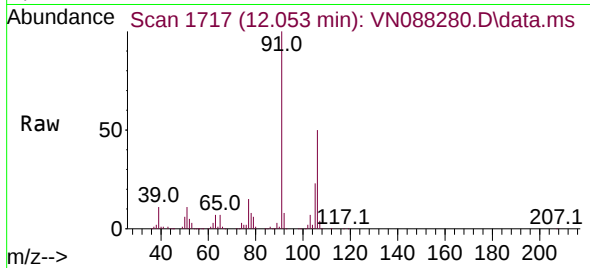
Tgt Ion: 91 Resp: 332207
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





#67
m/p-Xylenes
Concen: 37.317 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

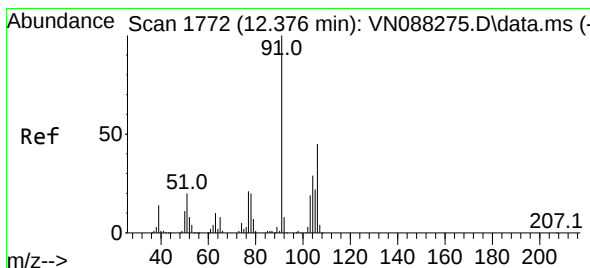
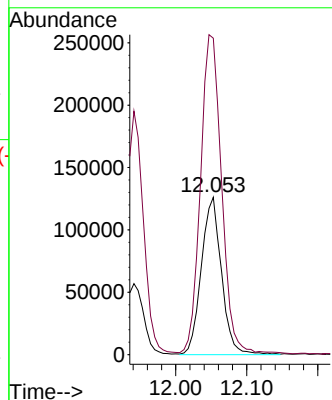
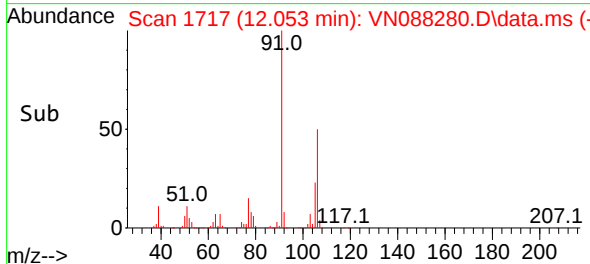
Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325



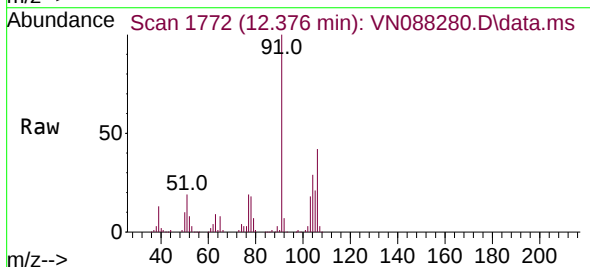
Tgt Ion:106 Resp: 24834
Ion Ratio Lower Upper
106 100
91 212.1 168.3 252.5

Manual Integrations
APPROVED

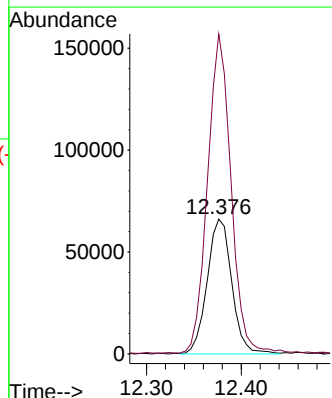
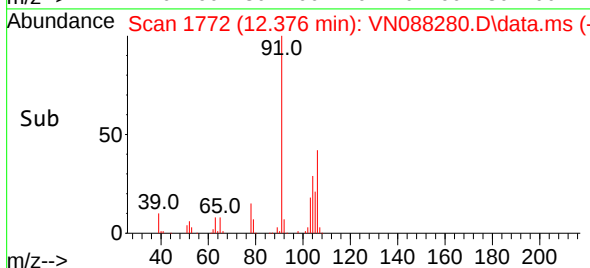
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

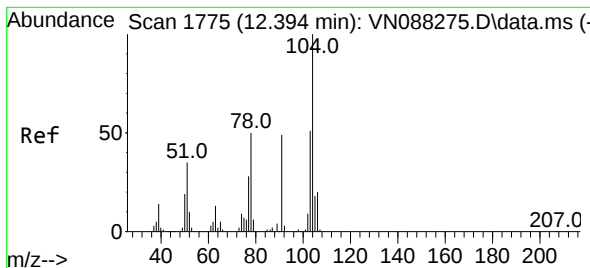


#68
o-Xylene
Concen: 19.038 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion:106 Resp: 119521
Ion Ratio Lower Upper
106 100
91 225.0 114.0 342.0





#69

Styrene

Concen: 18.335 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN088280.D

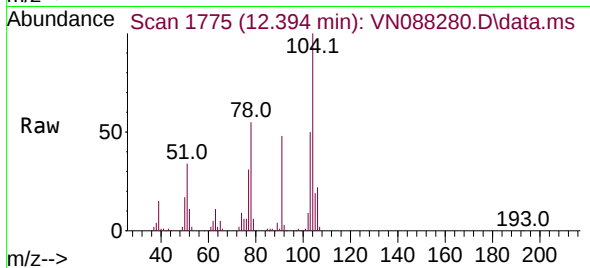
Acq: 13 Nov 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

ICVNV111325



Tgt Ion:104 Resp: 195500

Ion Ratio Lower Upper

104 100

78 56.1 43.8 65.8

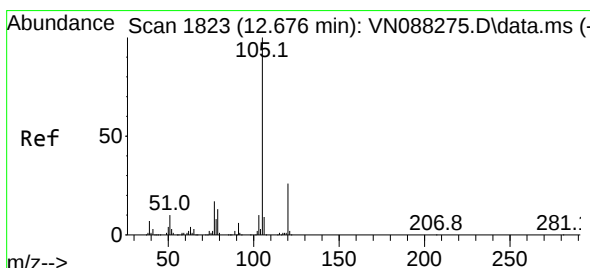
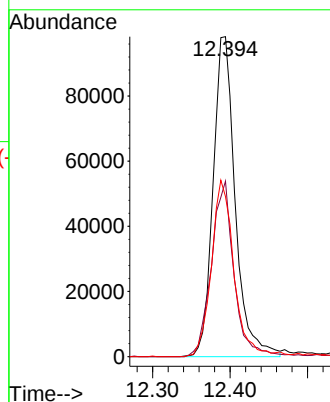
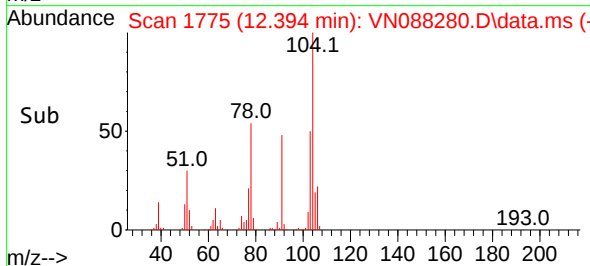
103 55.6 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#70

Isopropylbenzene

Concen: 17.700 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088280.D

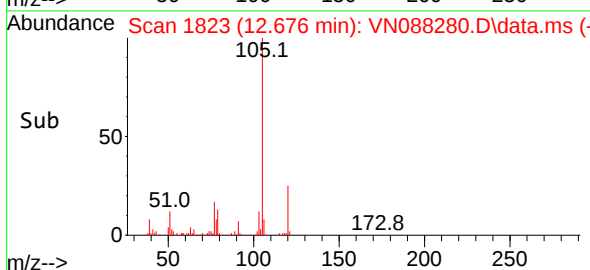
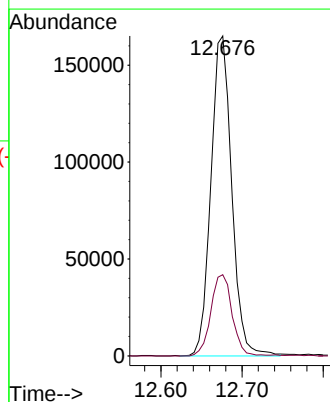
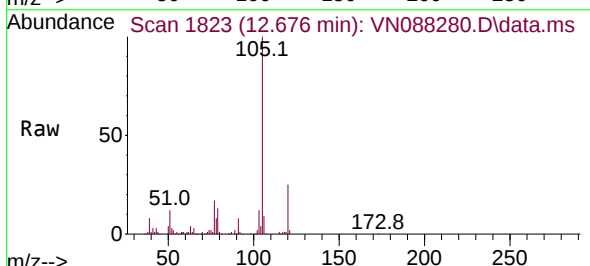
Acq: 13 Nov 2025 14:52

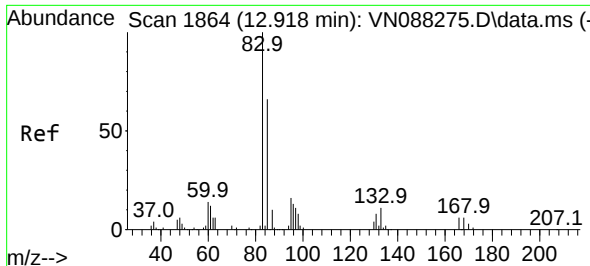
Tgt Ion:105 Resp: 294499

Ion Ratio Lower Upper

105 100

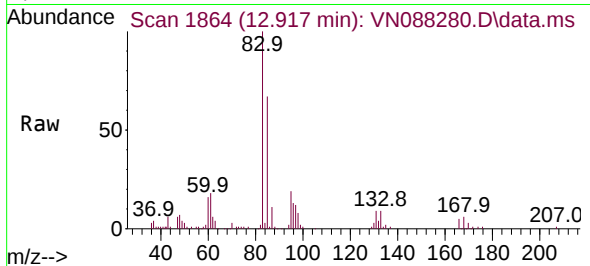
120 25.7 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.887 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

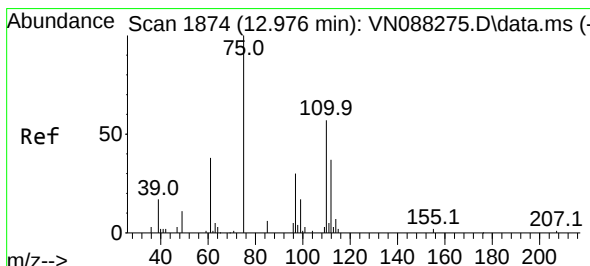
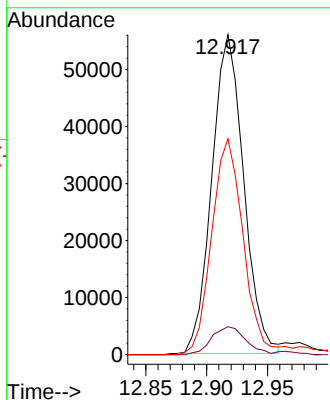
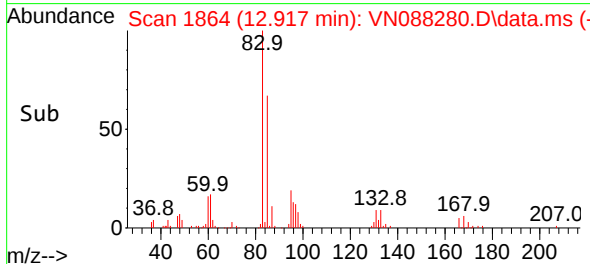
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



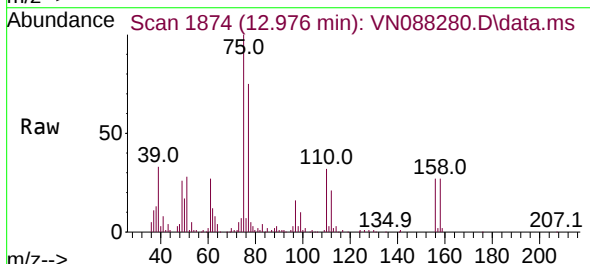
Tgt Ion: 83 Resp: 101792
Ion Ratio Lower Upper
83 100
131 9.3 4.3 12.9
85 66.6 32.4 97.2

Manual Integrations
APPROVED

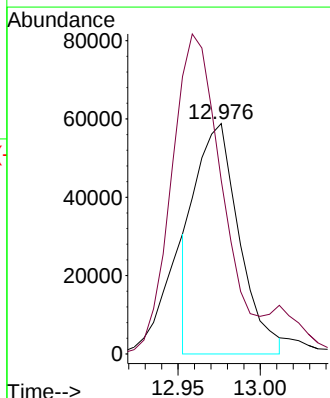
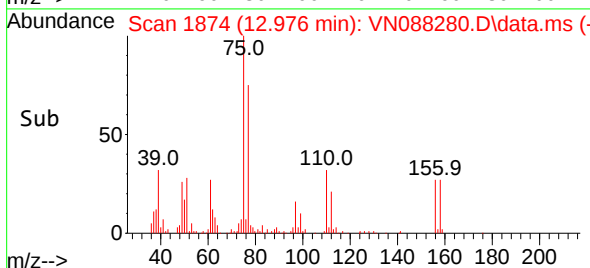
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

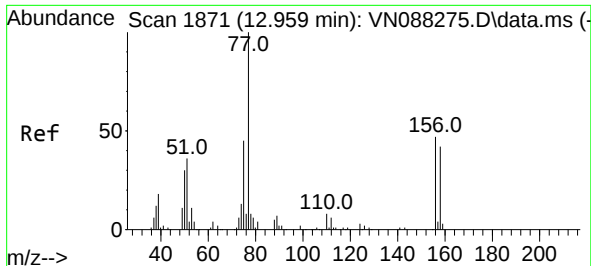


#72
1,2,3-Trichloropropane
Concen: 20.963 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



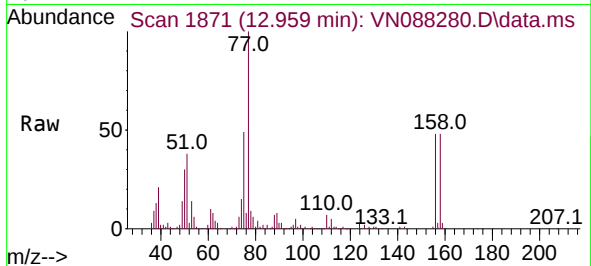
Tgt Ion: 75 Resp: 109453
Ion Ratio Lower Upper
75 100
77 157.6 0.0 386.6





#73
Bromobenzene
Concen: 19.271 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

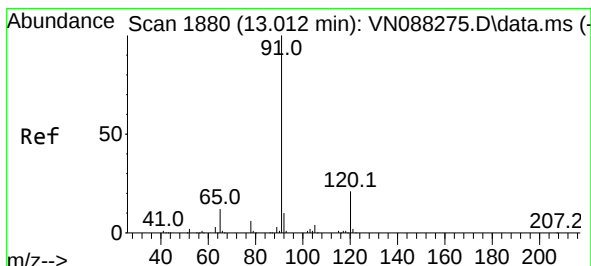
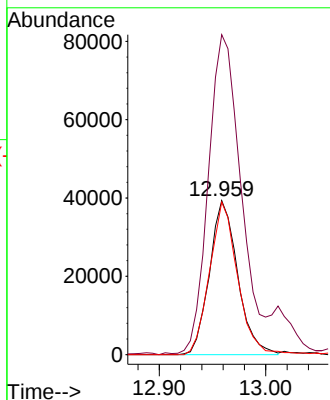
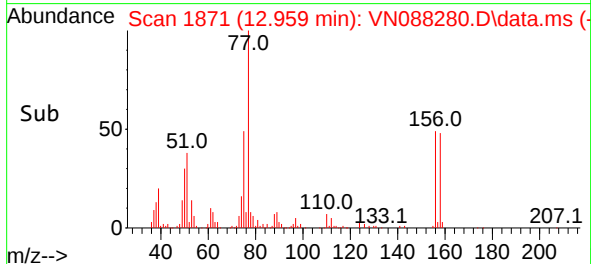
Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325



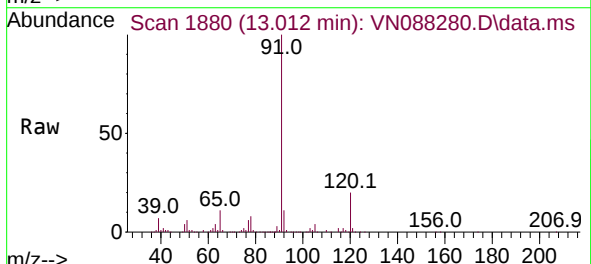
Tgt Ion:156 Resp: 72384
Ion Ratio Lower Upper
156 100
77 238.4 0.0 493.4
158 97.1 0.0 193.4

Manual Integrations
APPROVED

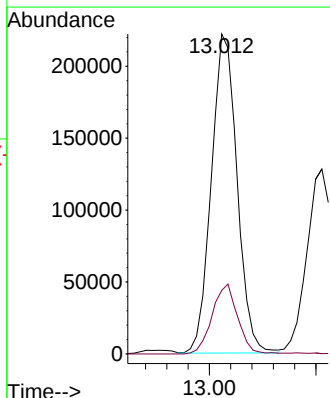
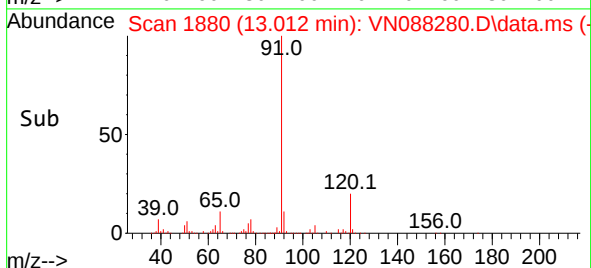
Reviewed By :John Carbone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

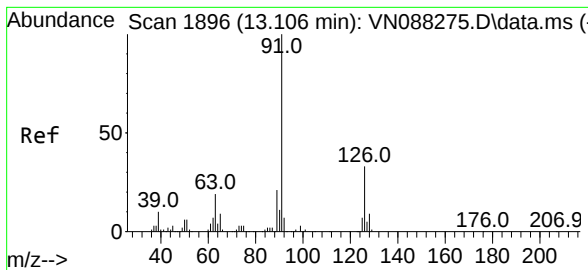


#74
n-propylbenzene
Concen: 18.105 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion: 91 Resp: 372792
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2





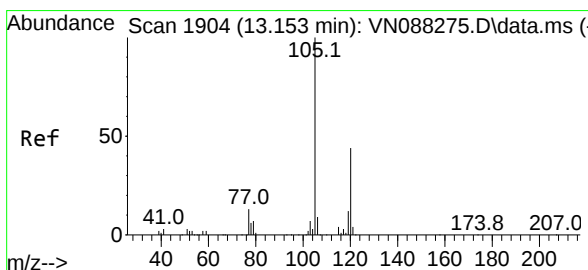
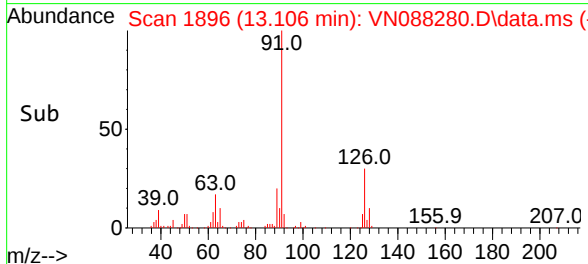
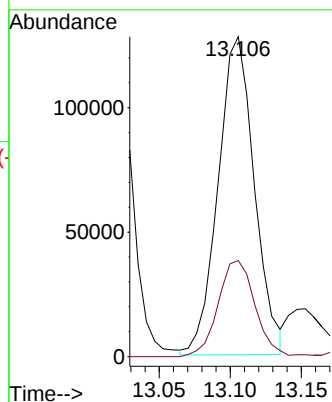
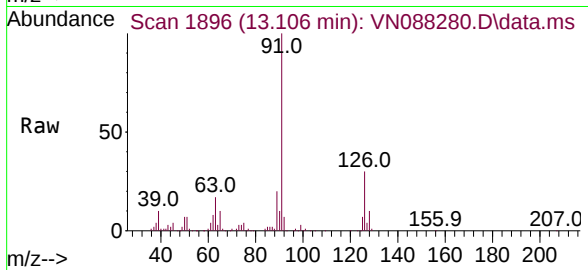
#75
2-Chlorotoluene
Concen: 18.144 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument : MSVOA_N
ClientSampleId : ICVVN111325

Tgt Ion: 91 Resp: 227162
Ion Ratio Lower Upper
91 100
126 30.6 0.0 62.0

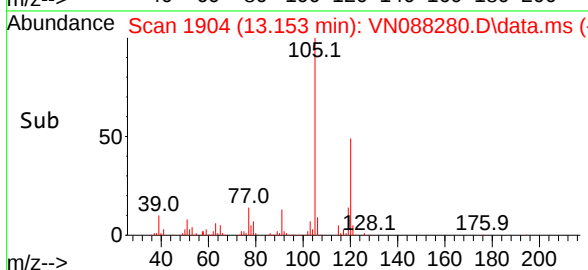
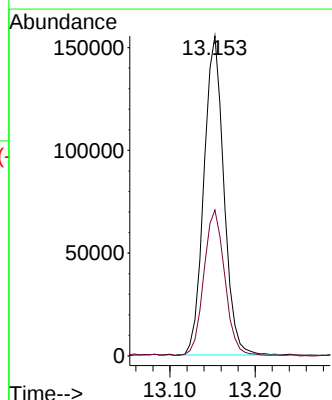
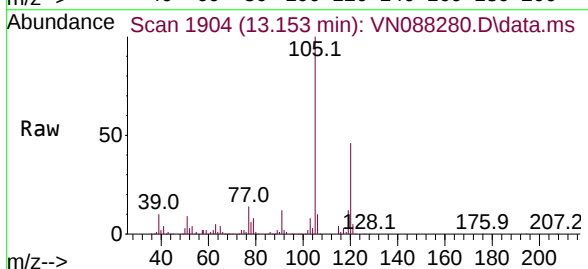
Manual Integrations
APPROVED

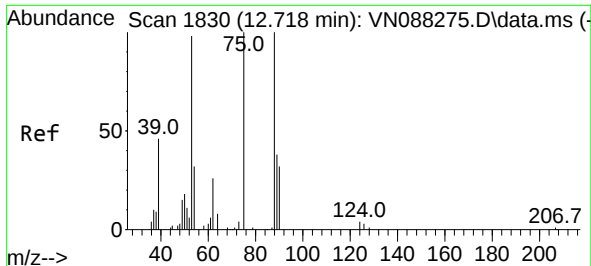
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.038 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

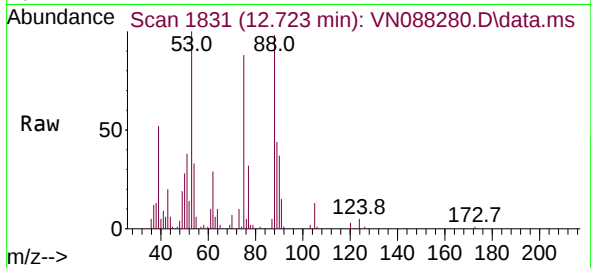
Tgt Ion:105 Resp: 251921
Ion Ratio Lower Upper
105 100
120 48.4 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.386 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

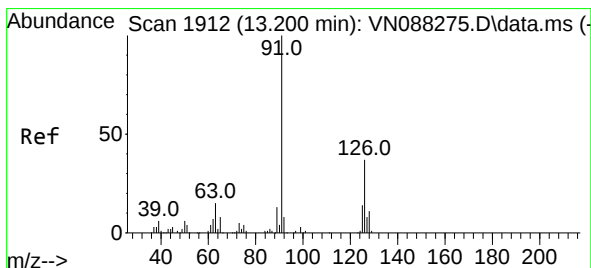
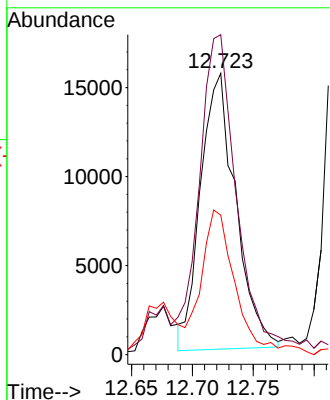
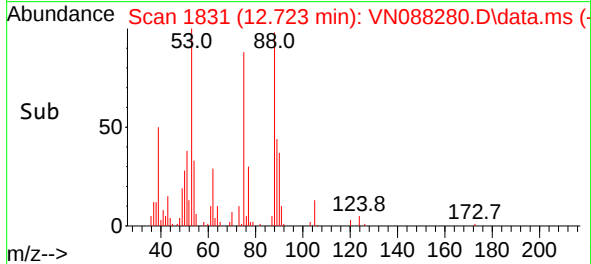
Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325



Tgt Ion: 75 Resp: 31173
Ion Ratio Lower Upper
75 100
53 112.5 50.0 150.0
89 49.5 22.3 66.9

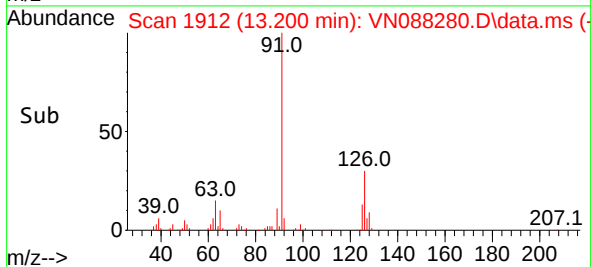
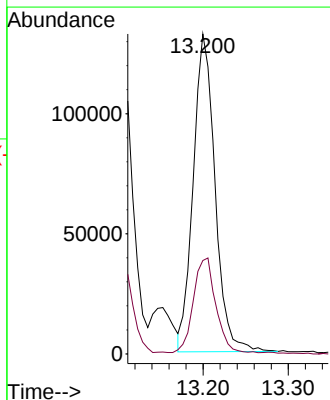
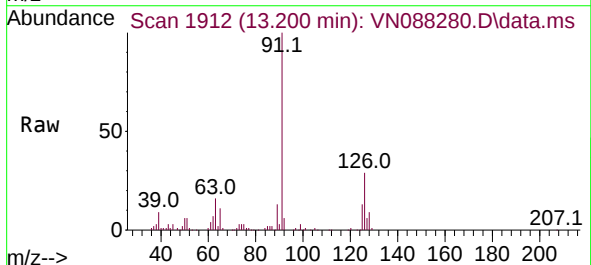
Manual Integrations
APPROVED

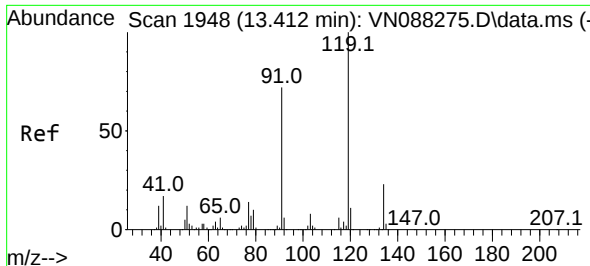
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#78
4-Chlorotoluene
Concen: 18.540 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

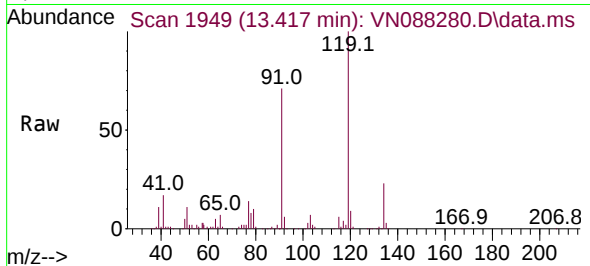
Tgt Ion: 91 Resp: 235228
Ion Ratio Lower Upper
91 100
126 31.6 0.0 60.8





#79
tert-butylbenzene
Concen: 17.732 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

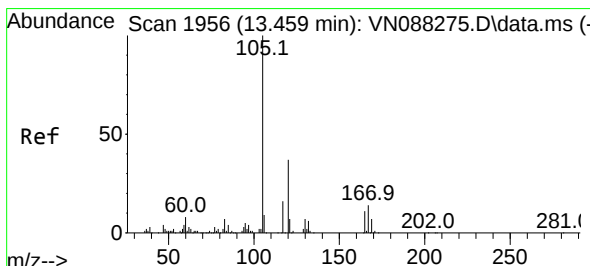
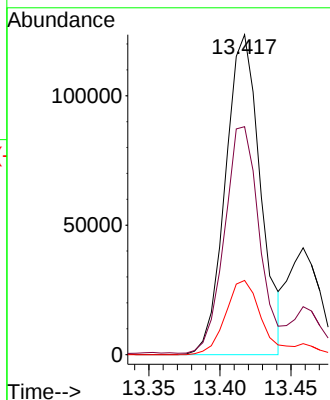
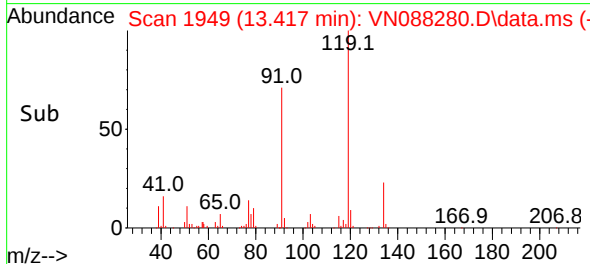
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111325



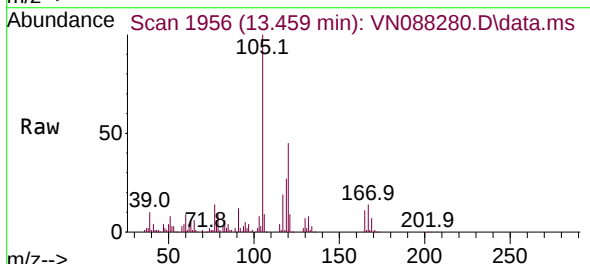
Tgt Ion:119 Resp: 212022
Ion Ratio Lower Upper
119 100
91 70.1 0.0 140.8
134 23.8 0.0 48.4

Manual Integrations
APPROVED

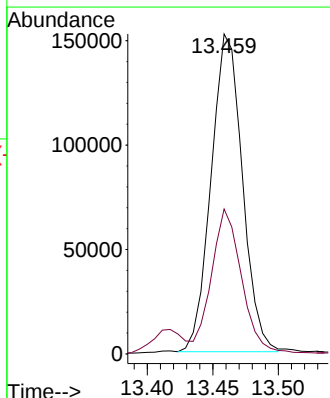
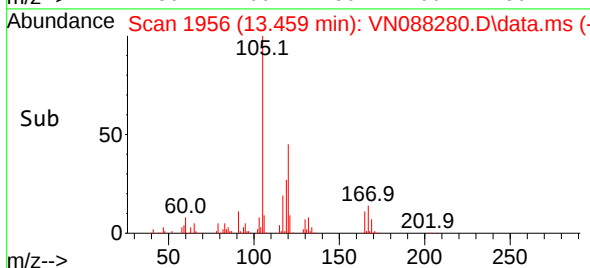
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

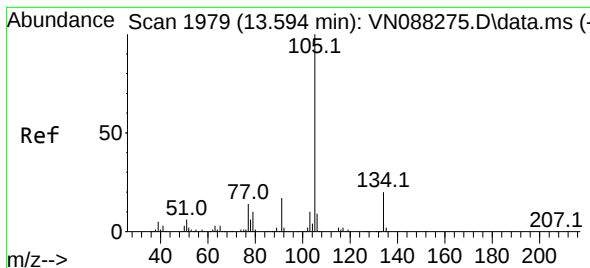


#80
1,2,4-Trimethylbenzene
Concen: 18.199 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion:105 Resp: 252748
Ion Ratio Lower Upper
105 100
120 43.4 0.0 89.2





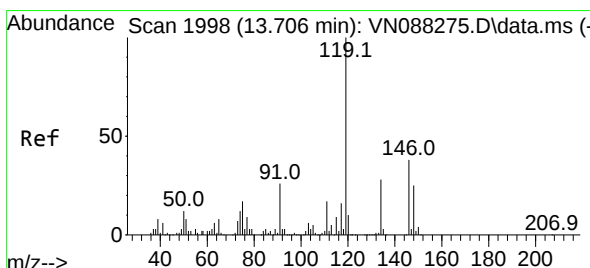
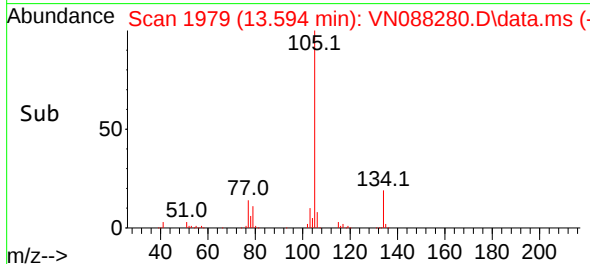
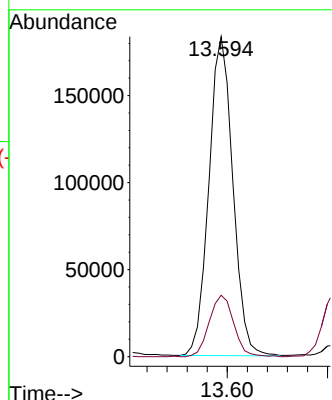
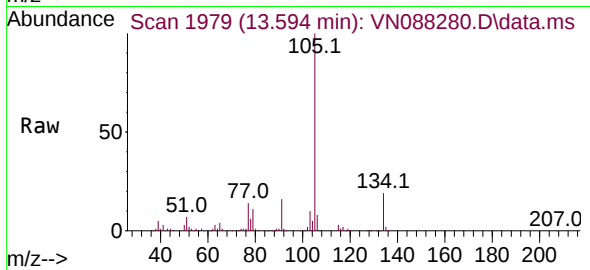
#81
 sec-Butylbenzene
 Concen: 17.417 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111325

Tgt Ion:105 Resp: 303762
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

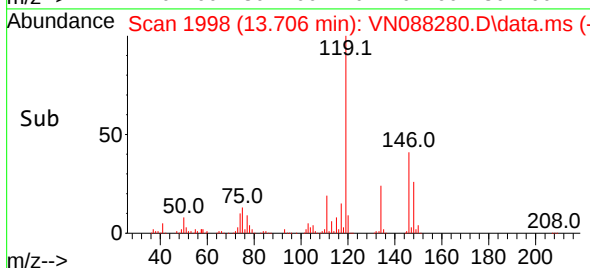
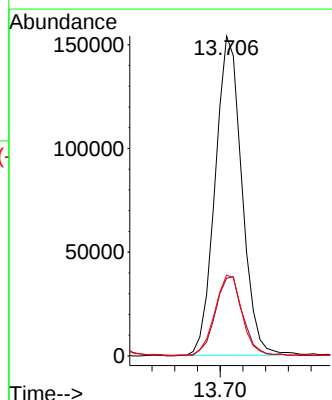
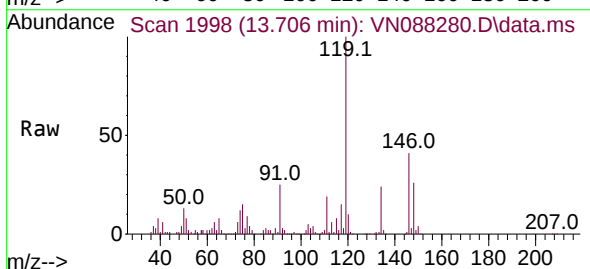
Manual Integrations
 APPROVED

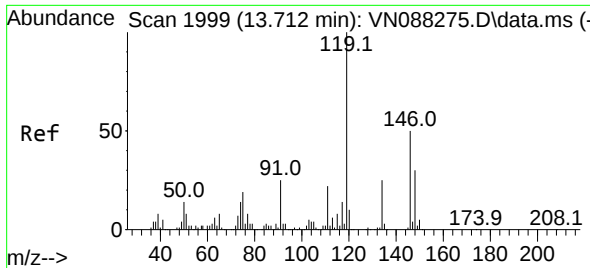
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#82
 p-Isopropyltoluene
 Concen: 17.381 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088280.D
 Acq: 13 Nov 2025 14:52

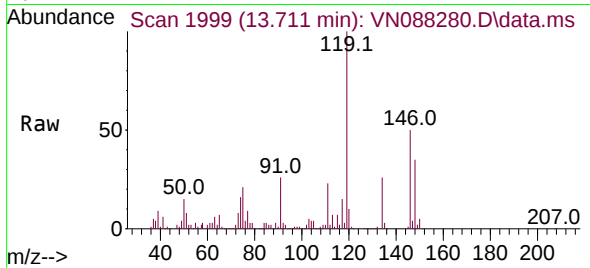
Tgt Ion:119 Resp: 250478
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.2
 91 25.3 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 18.242 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

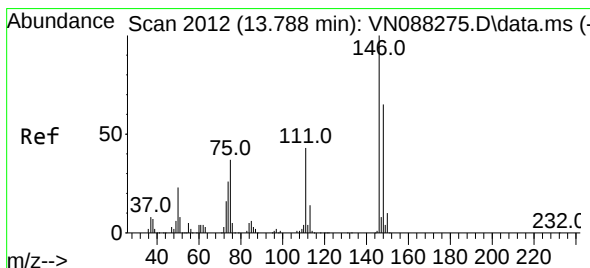
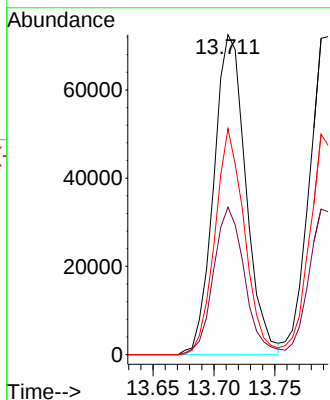
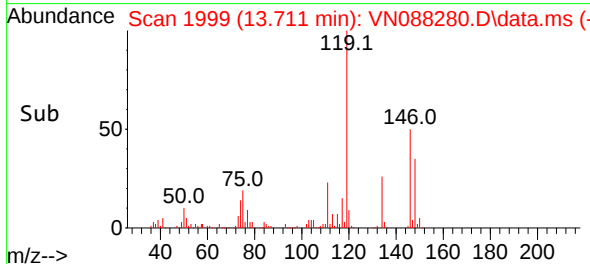
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



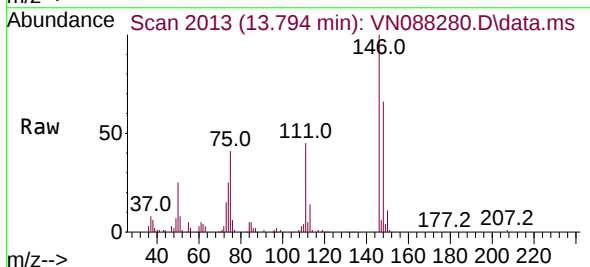
Tgt Ion:146 Resp: 133127
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.5
148 65.0 31.4 94.3

Manual Integrations
APPROVED

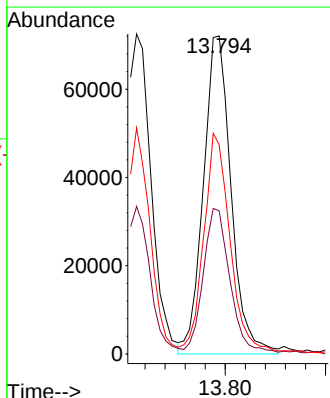
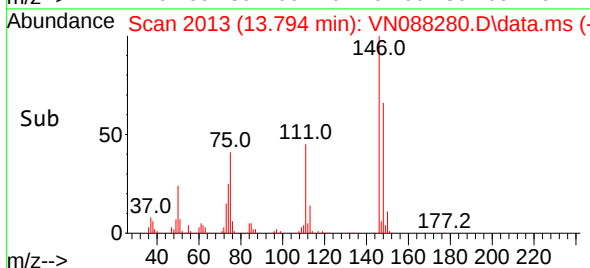
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

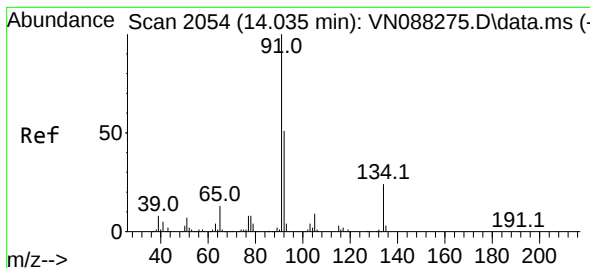


#84
1,4-Dichlorobenzene
Concen: 18.721 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion:146 Resp: 138360
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 64.3 31.9 95.5





#85

n-Butylbenzene

Concen: 17.323 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

ICNVN111325

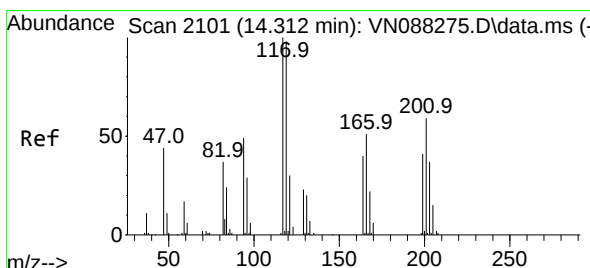
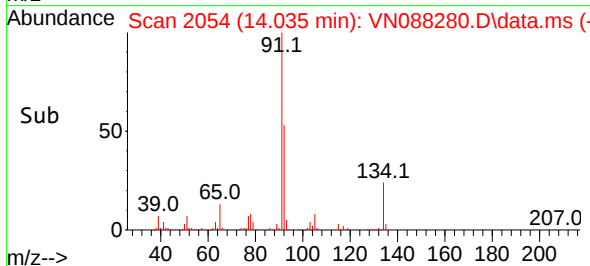
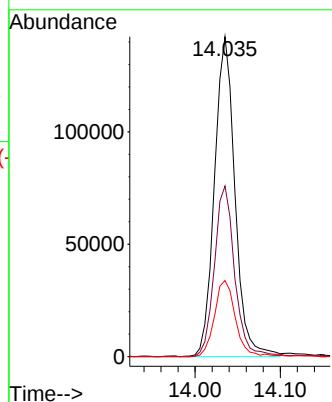
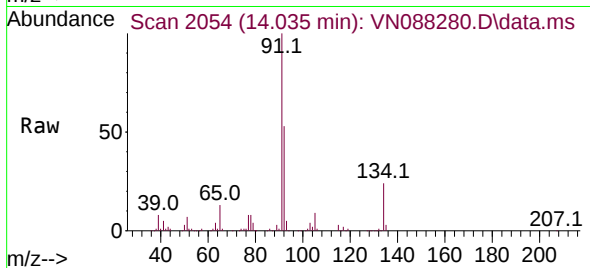
Tgt Ion:	91	Resp:	237919
Ion Ratio	Lower	Upper	
91	100		
92	52.5	0.0	102.4
134	23.9	0.0	45.8

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#86

Hexachloroethane

Concen: 17.487 ug/l

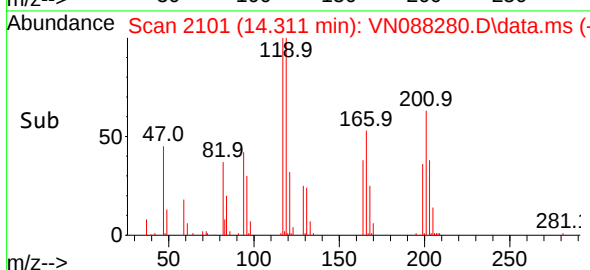
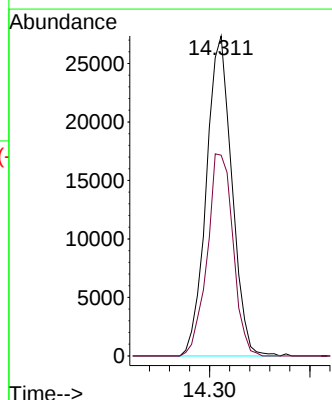
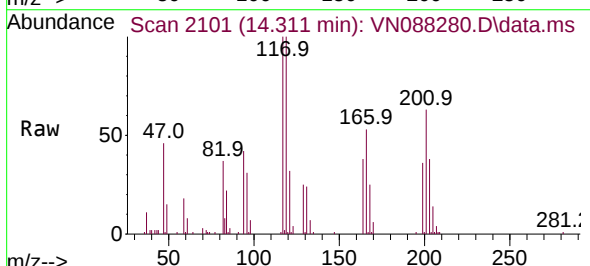
RT: 14.311 min Scan# 2101

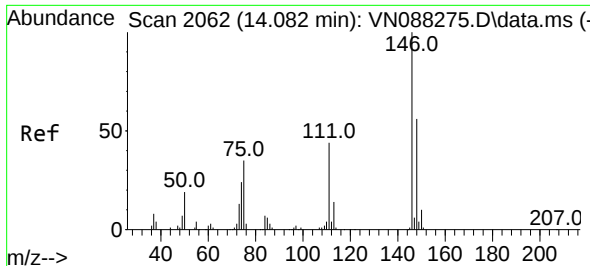
Delta R.T. -0.000 min

Lab File: VN088280.D

Acq: 13 Nov 2025 14:52

Tgt Ion:	117	Resp:	48251
Ion Ratio	Lower	Upper	
117	100		
201	63.6	30.6	92.0





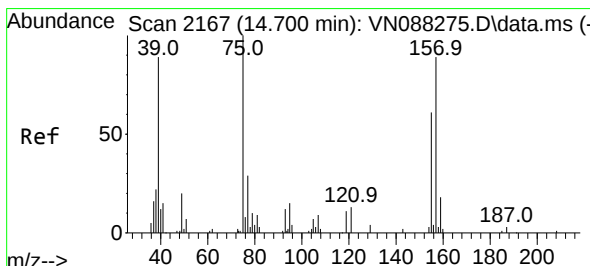
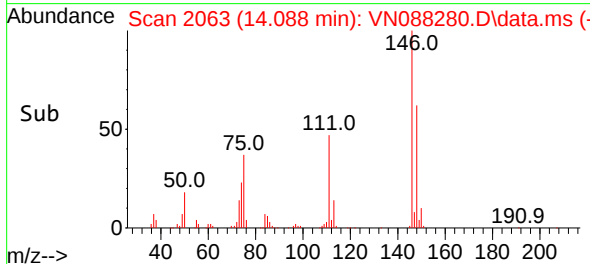
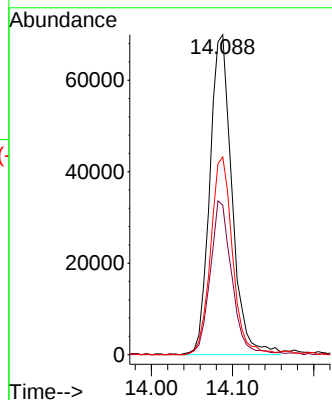
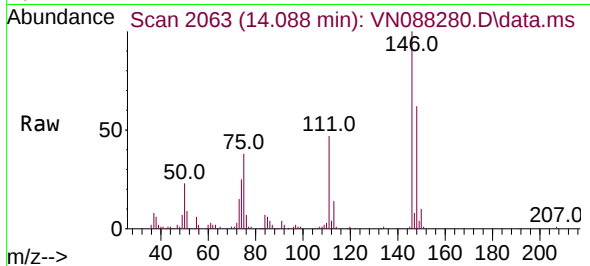
#87
1,2-Dichlorobenzene
Concen: 19.274 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325

Tgt Ion:146 Resp: 132768
Ion Ratio Lower Upper
146 100
111 46.6 23.0 69.0
148 60.7 31.1 93.2

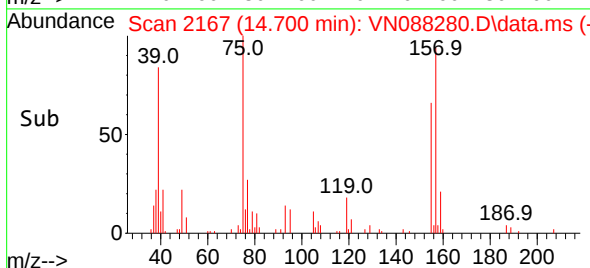
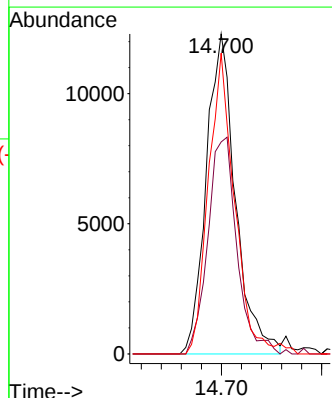
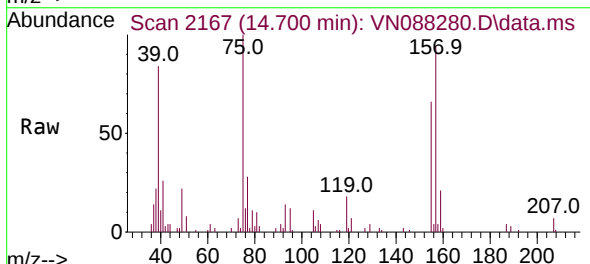
Manual Integrations
APPROVED

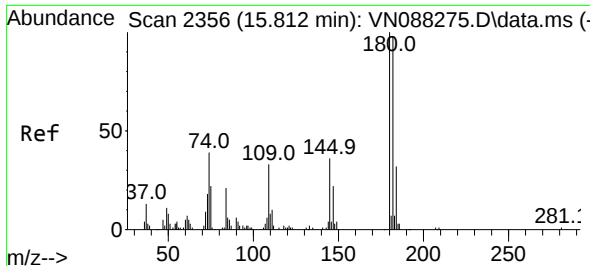
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.659 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

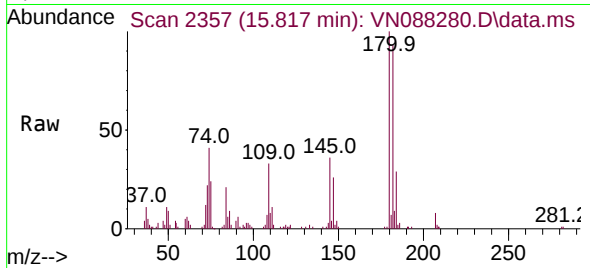
Tgt Ion: 75 Resp: 24904
Ion Ratio Lower Upper
75 100
155 65.4 54.8 82.2
157 83.4 70.7 106.1





#89
1,2,4-Trichlorobenzene
Concen: 18.470 ug/l
RT: 15.817 min Scan# 2356
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

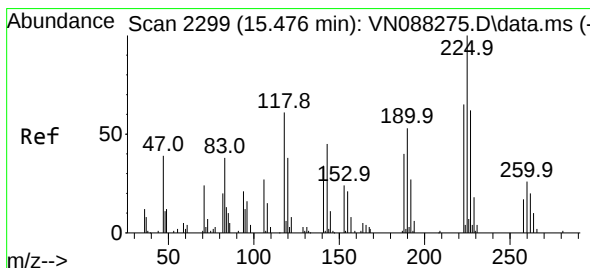
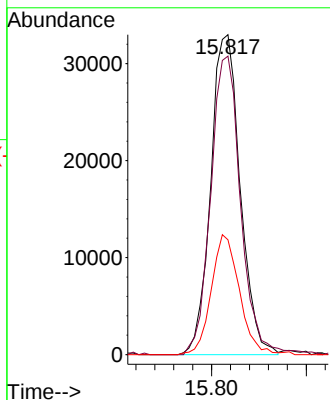
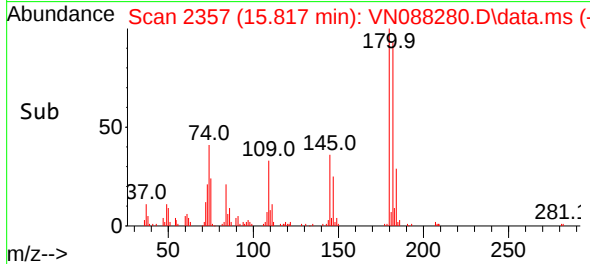
Instrument :
MSVOA_N
ClientSampleId :
ICNVN111325



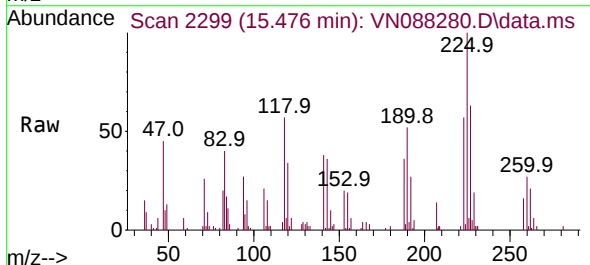
Tgt Ion:180 Resp: 71398
Ion Ratio Lower Upper
180 100
182 94.0 77.3 115.9
145 35.6 30.2 45.4

Manual Integrations
APPROVED

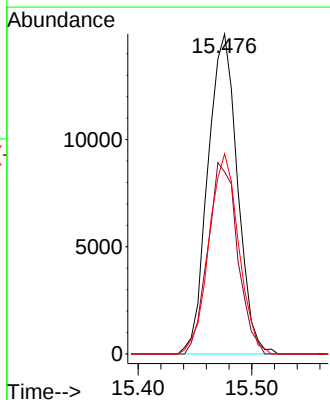
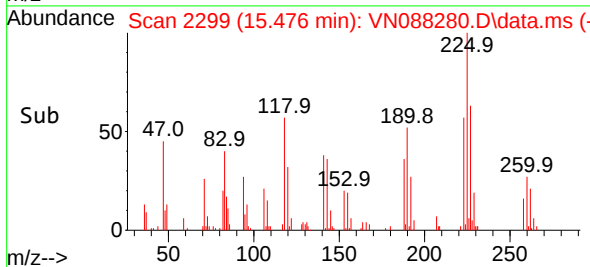
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

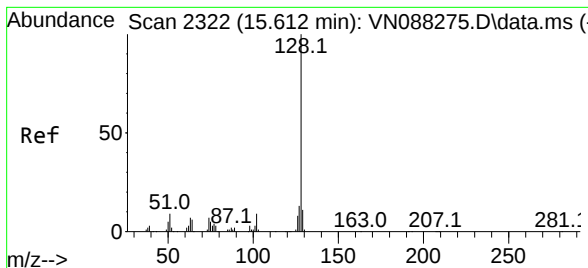


#90
Hexachlorobutadiene
Concen: 17.984 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



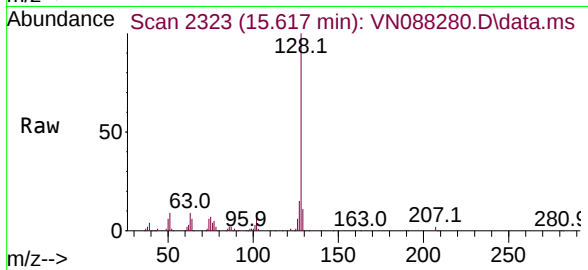
Tgt Ion:225 Resp: 26997
Ion Ratio Lower Upper
225 100
223 60.0 0.0 132.0
227 62.8 0.0 132.6





#91
Naphthalene
Concen: 18.427 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52

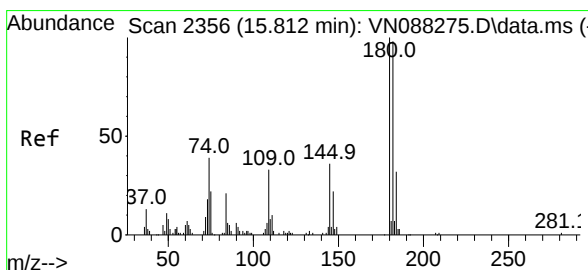
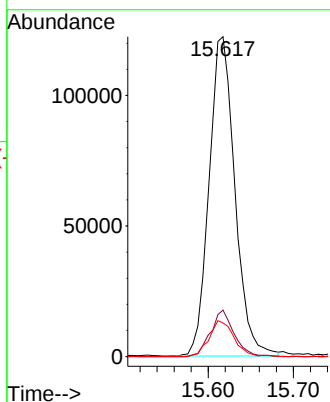
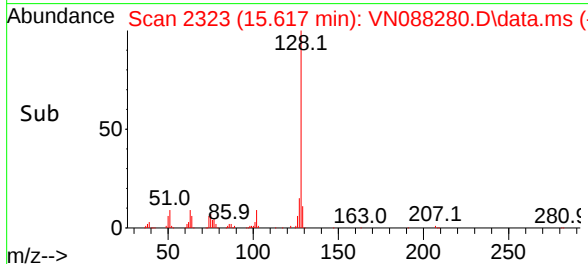
Instrument :
MSVOA_N
ClientSampleId :
ICVNV111325



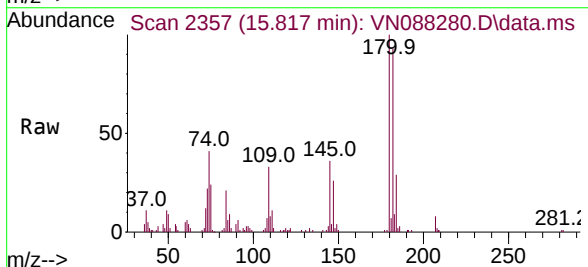
Tgt Ion:128 Resp: 257726
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.470 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088280.D
Acq: 13 Nov 2025 14:52



Tgt Ion:180 Resp: 71398
Ion Ratio Lower Upper
180 100
182 94.0 0.0 193.2
145 35.6 0.0 75.6

